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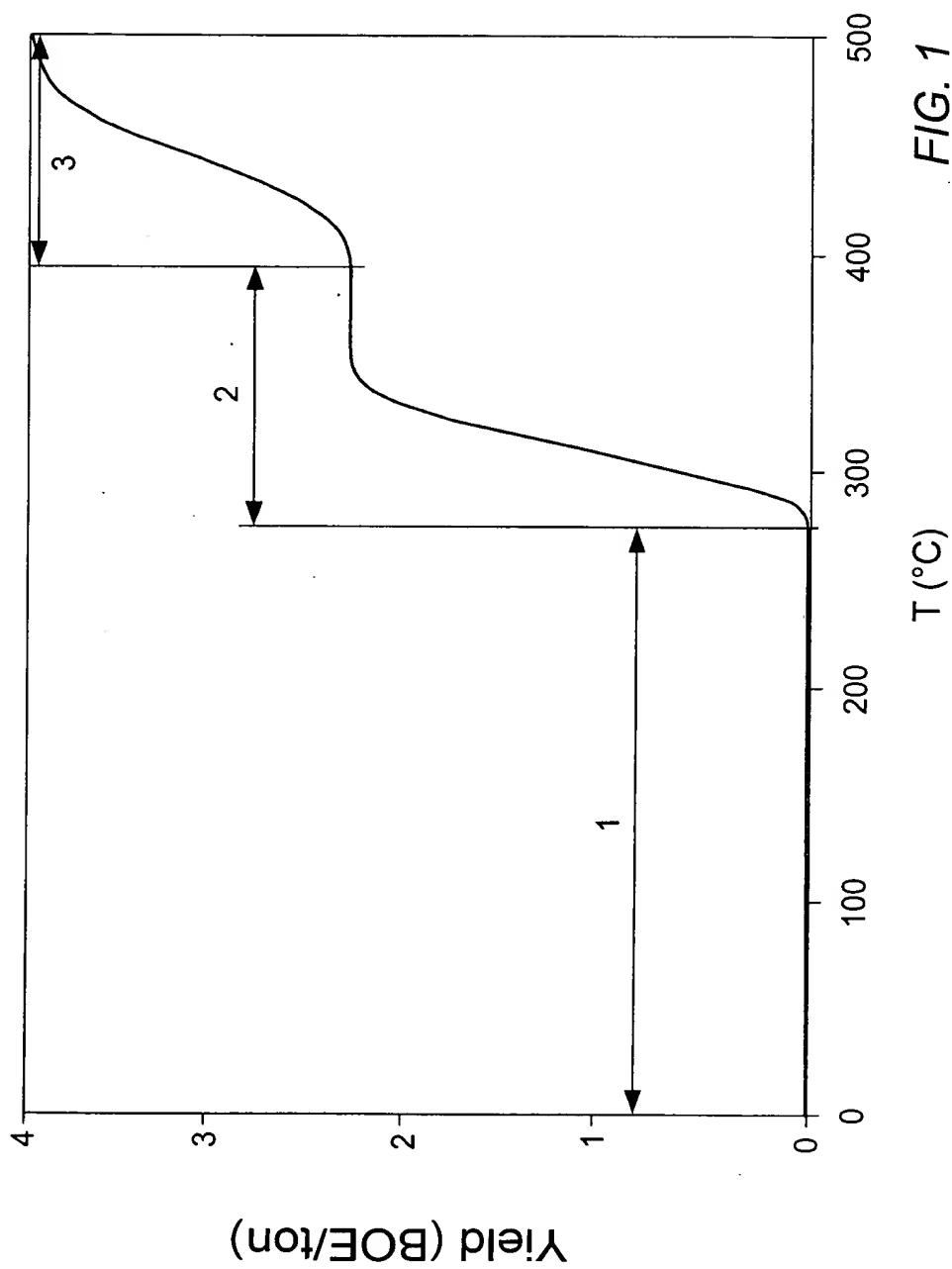
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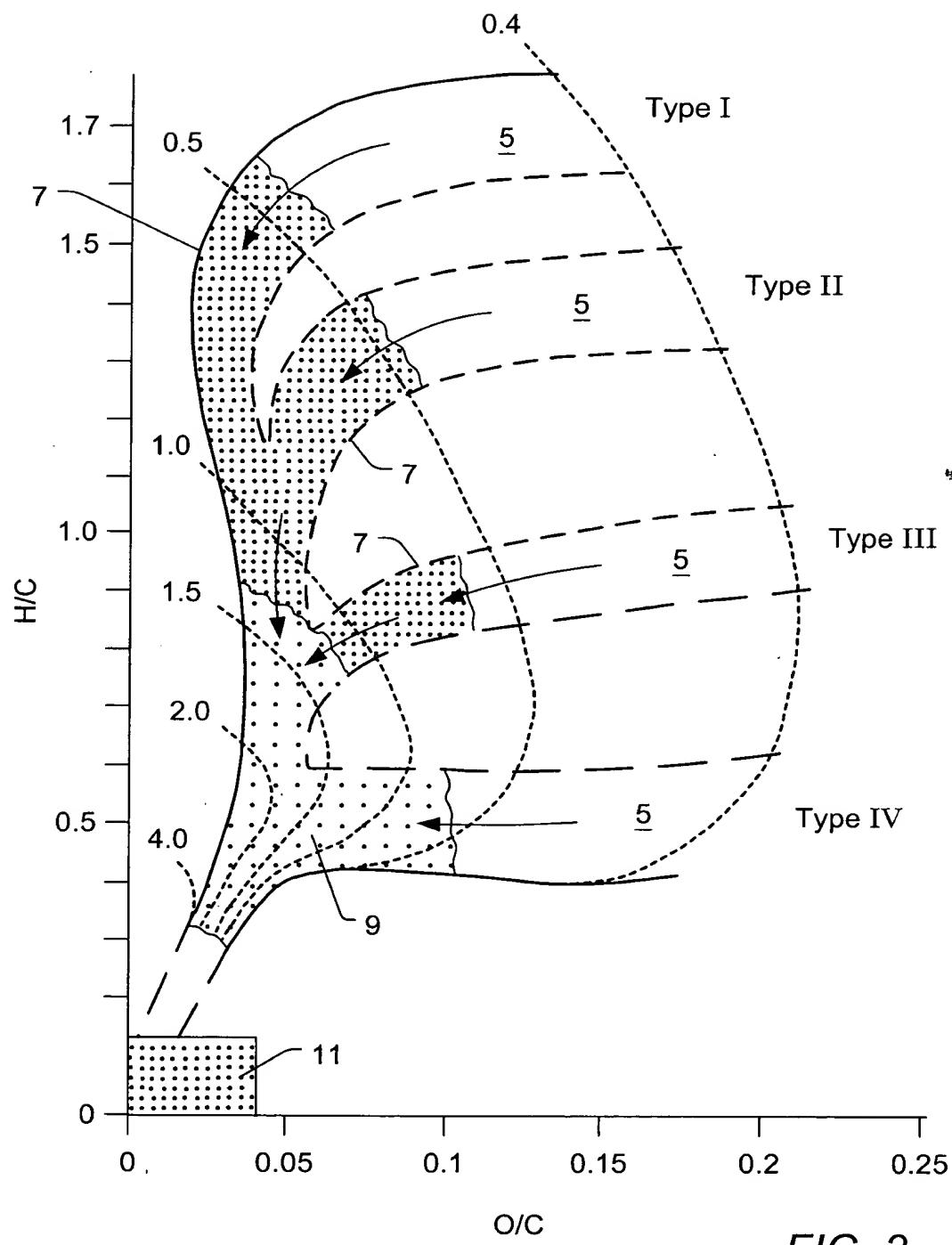


FIG. 2

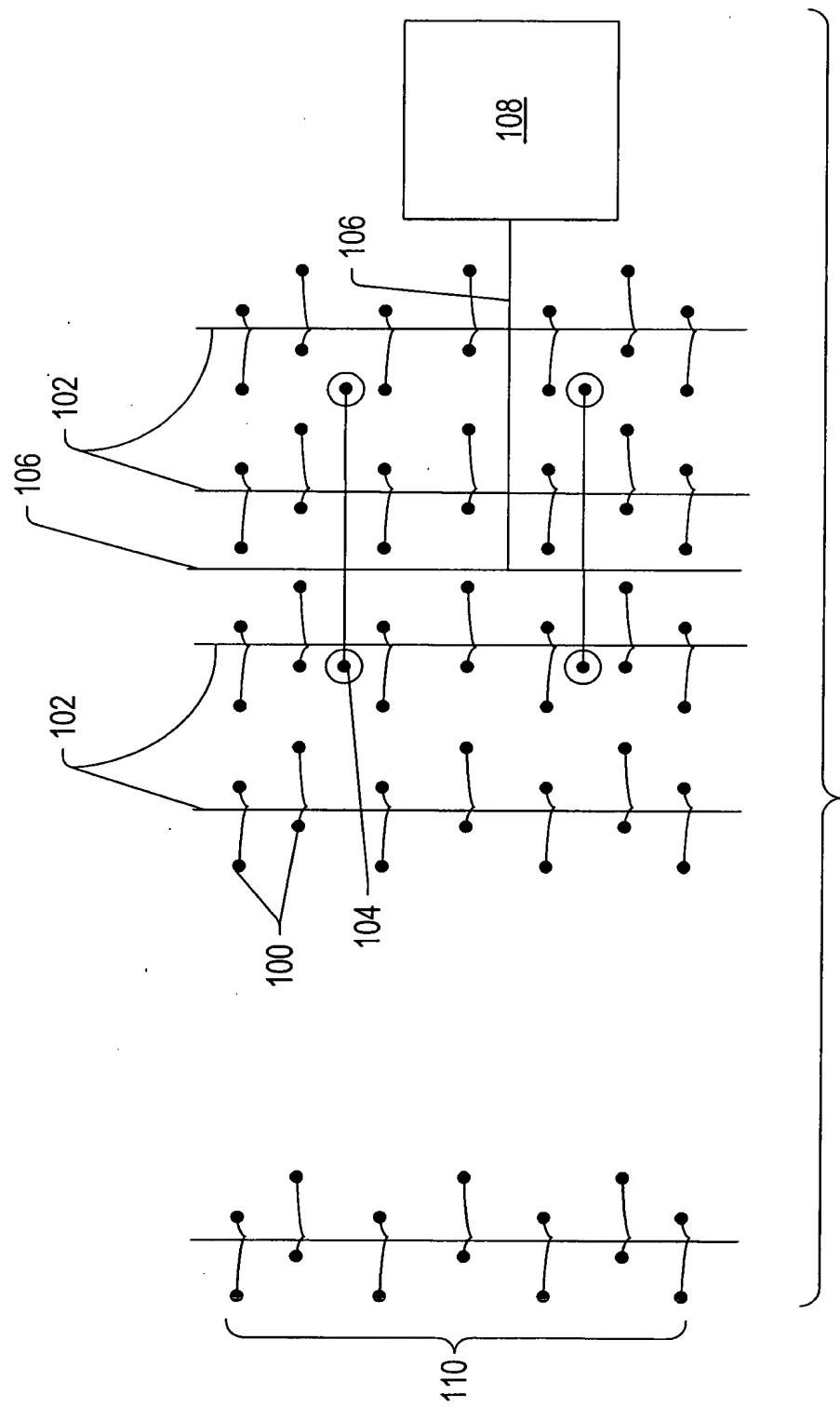


FIG. 3

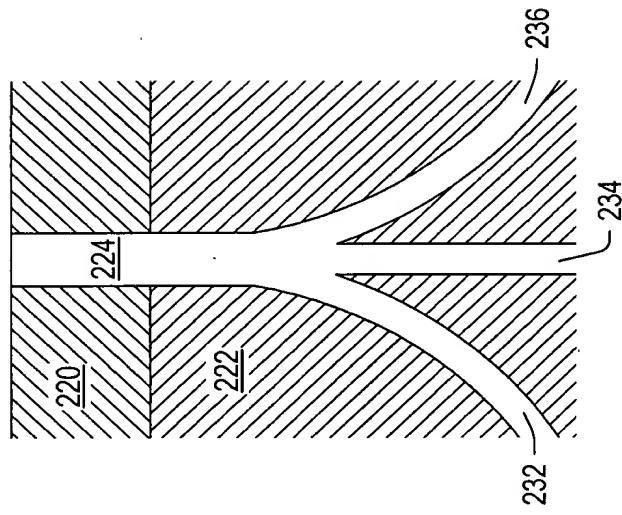
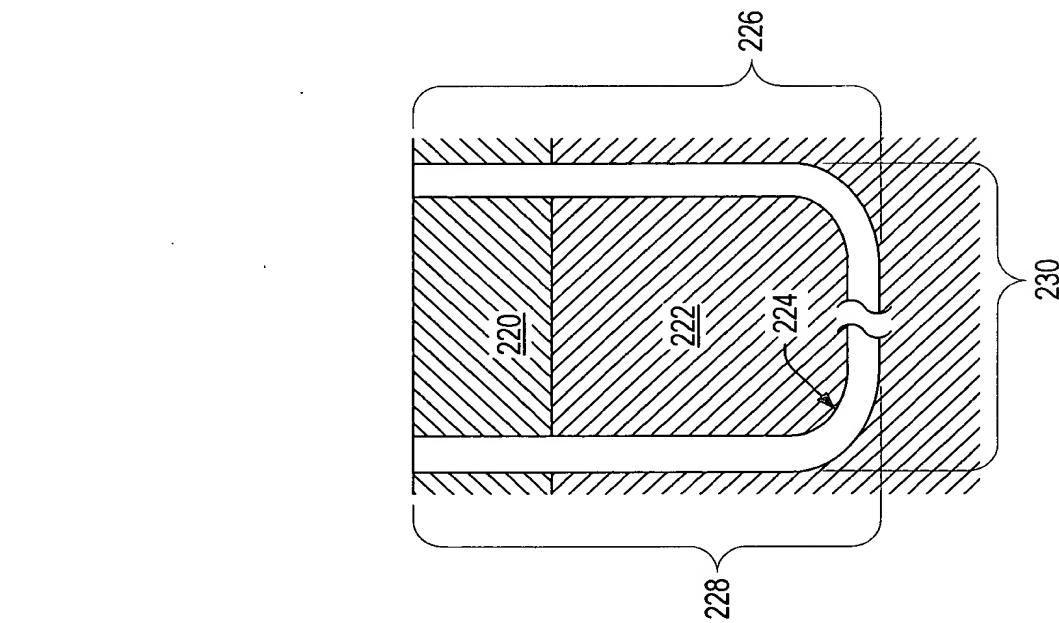
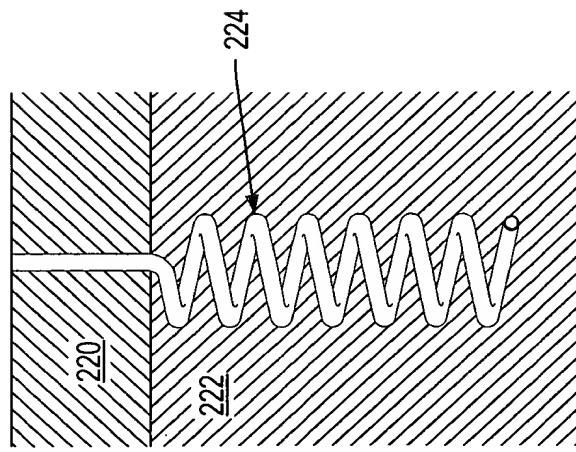


FIG. 4

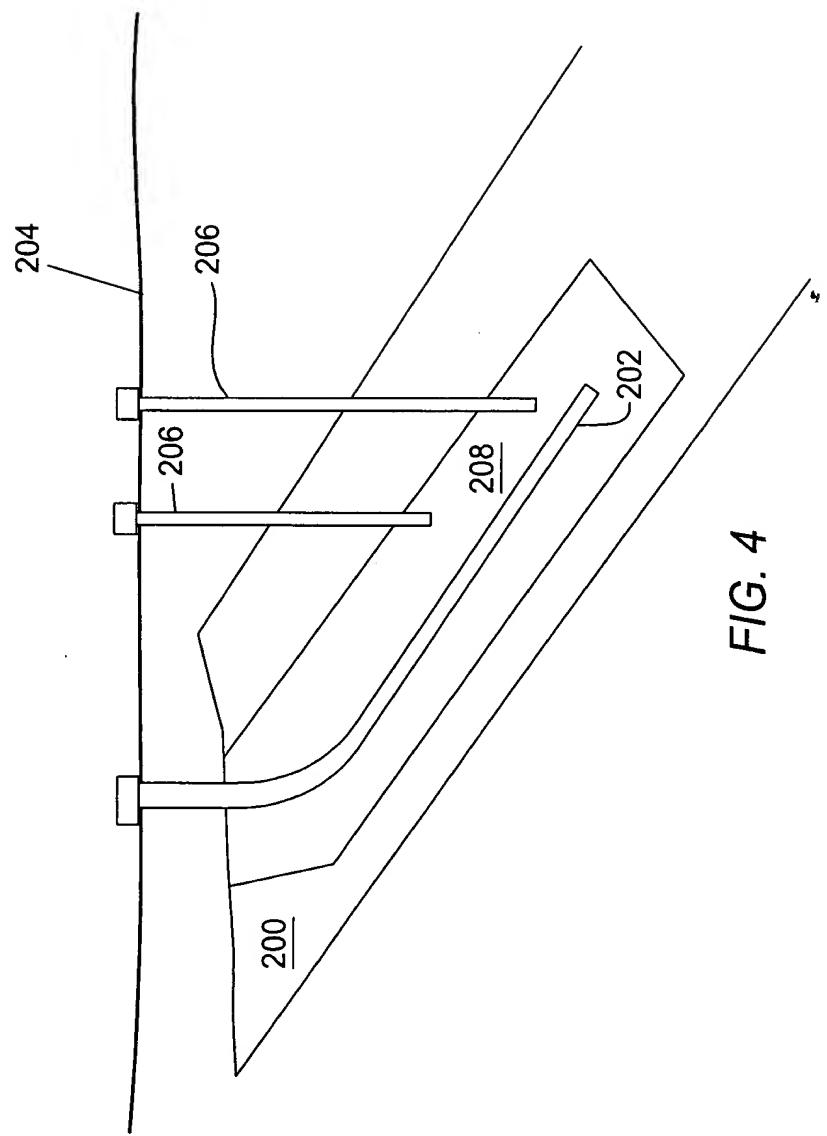
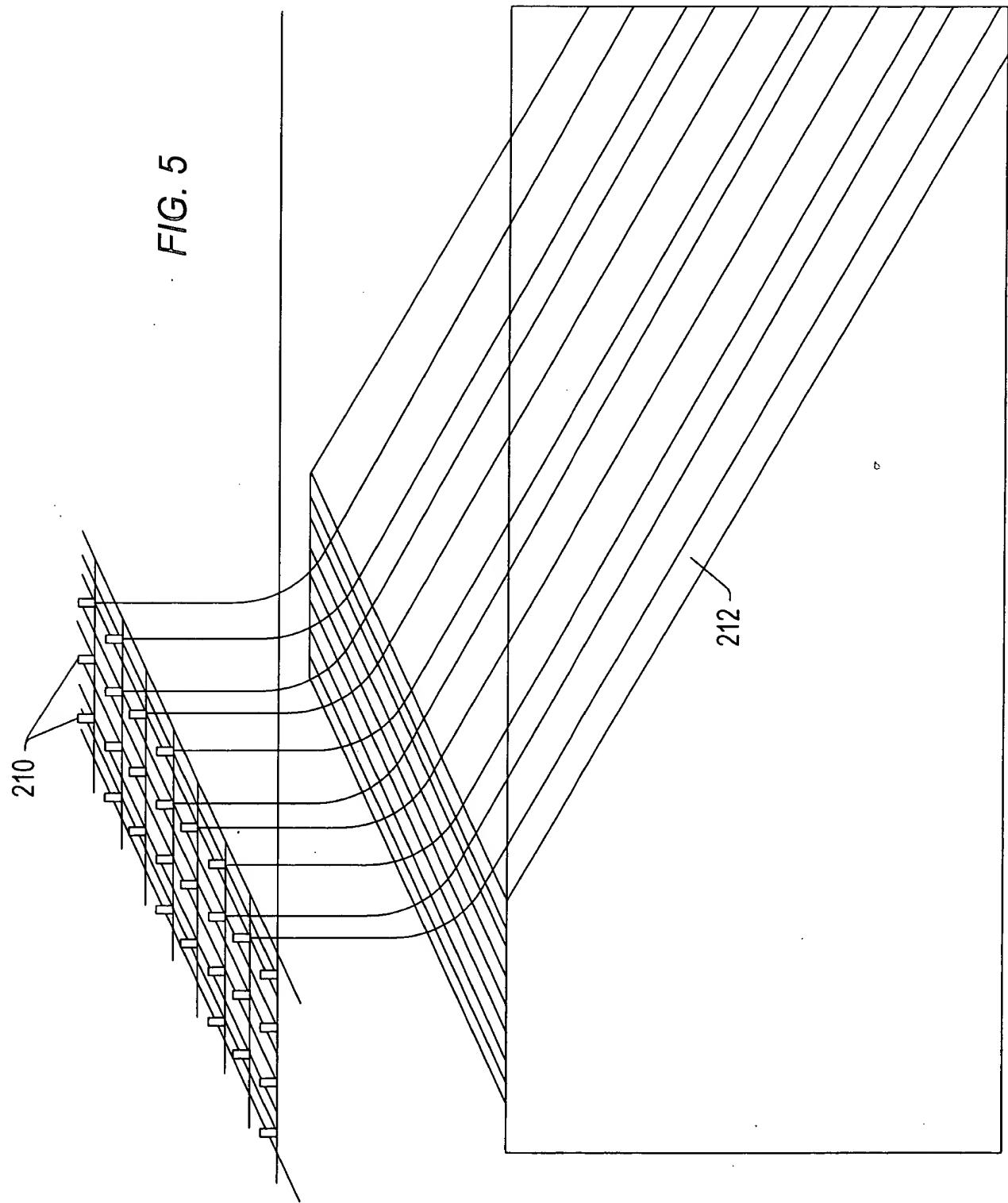


FIG. 5



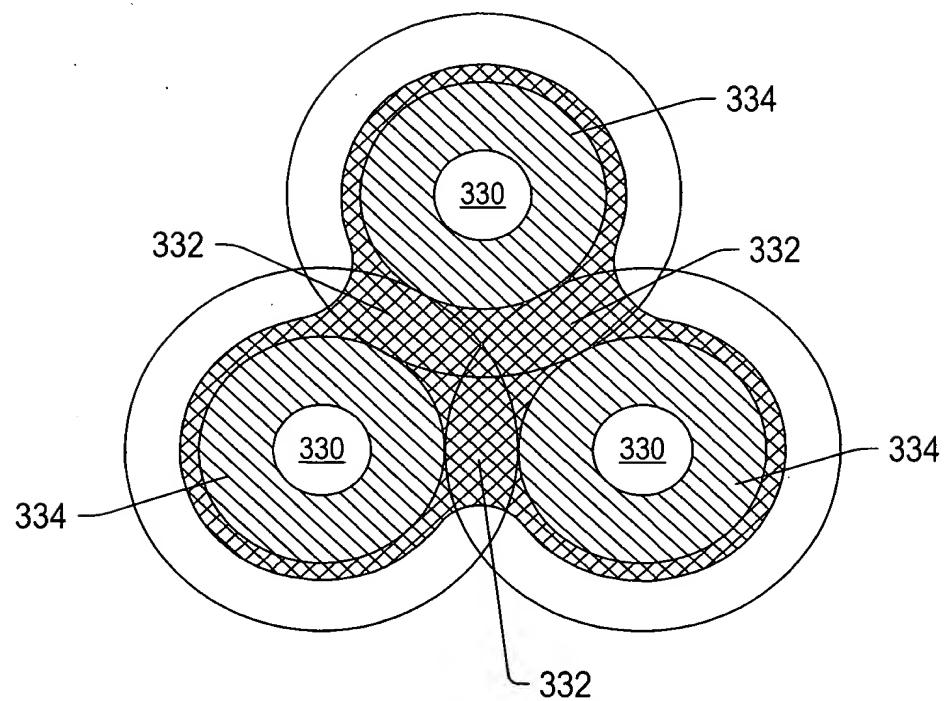
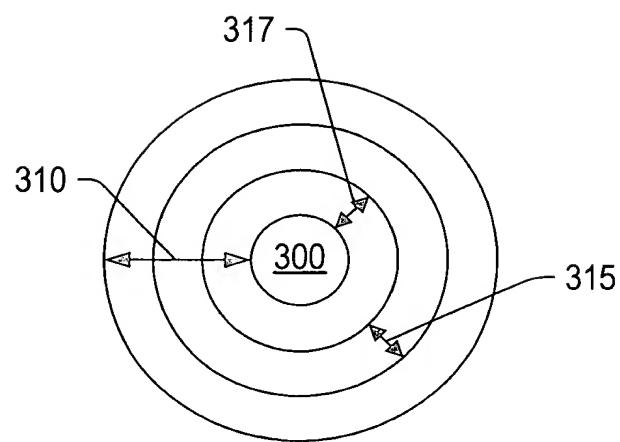


FIG. 7

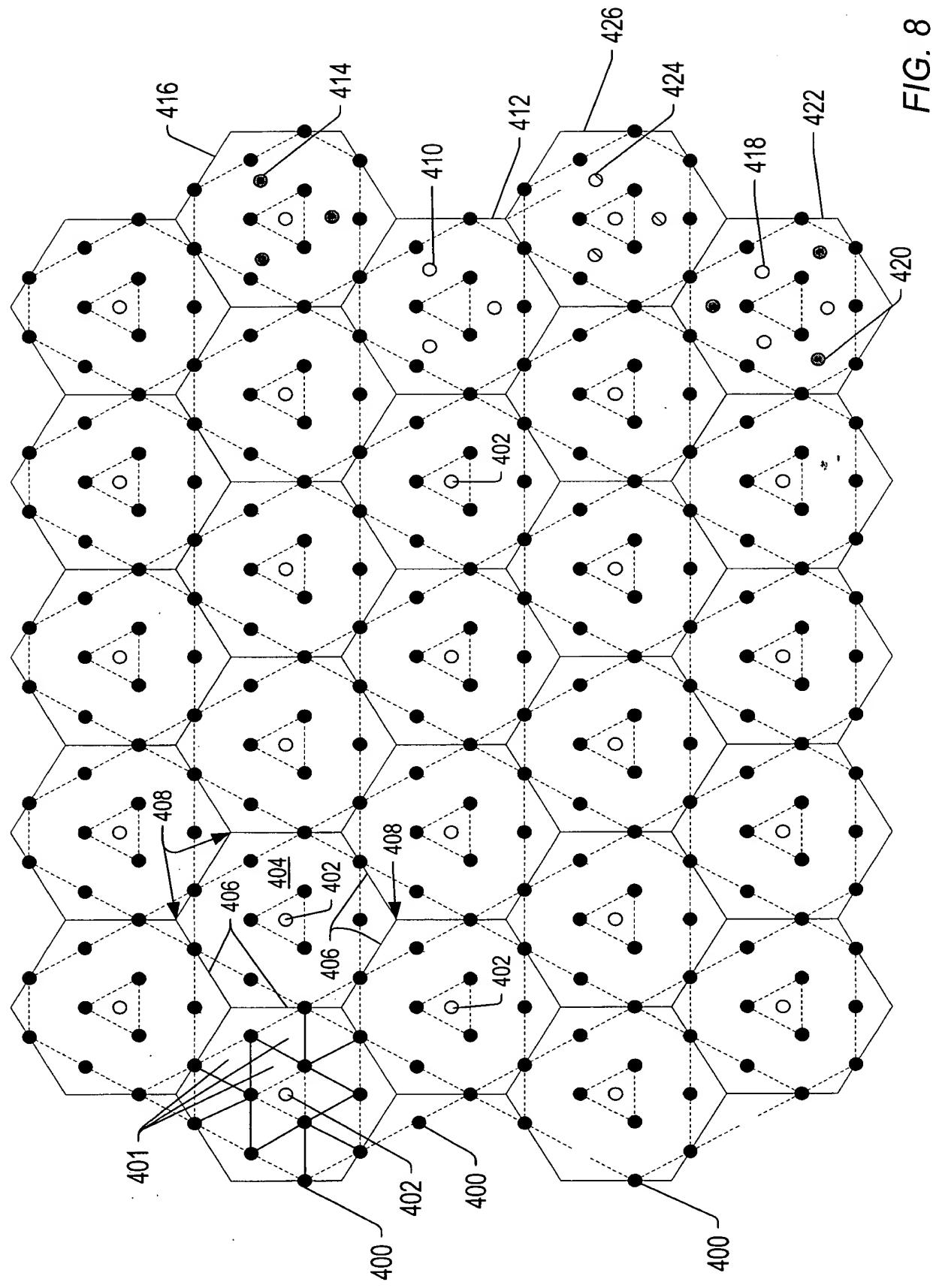
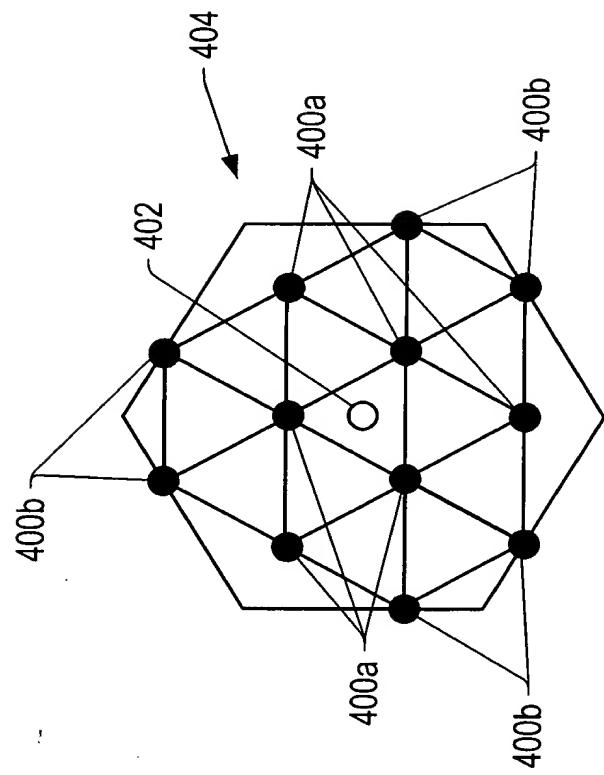


FIG. 8

FIG. 9



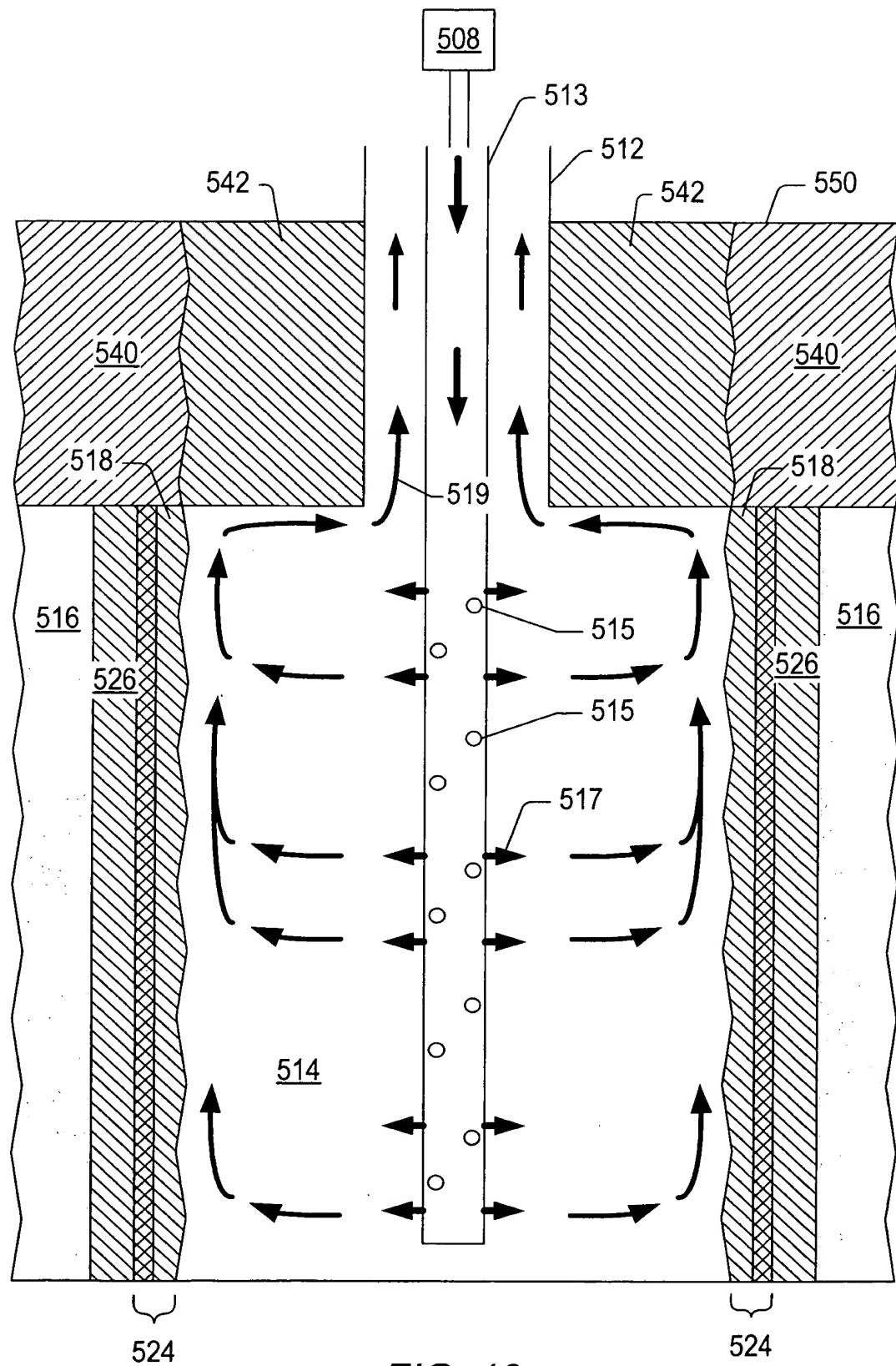


FIG. 10

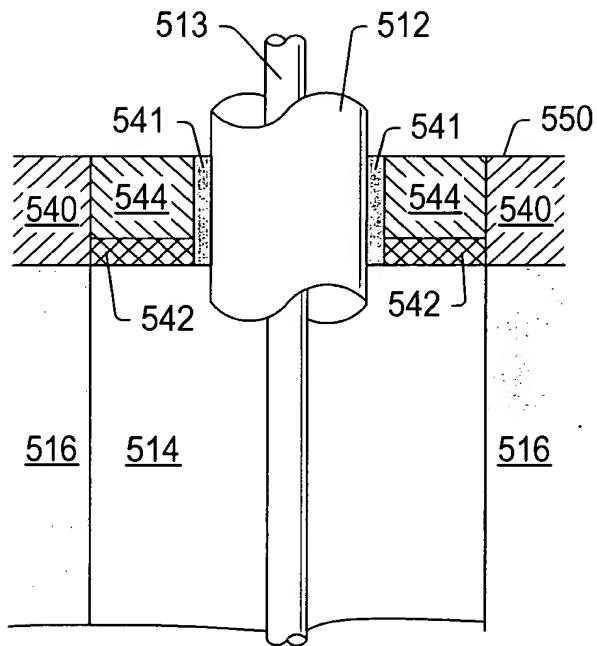


FIG. 11

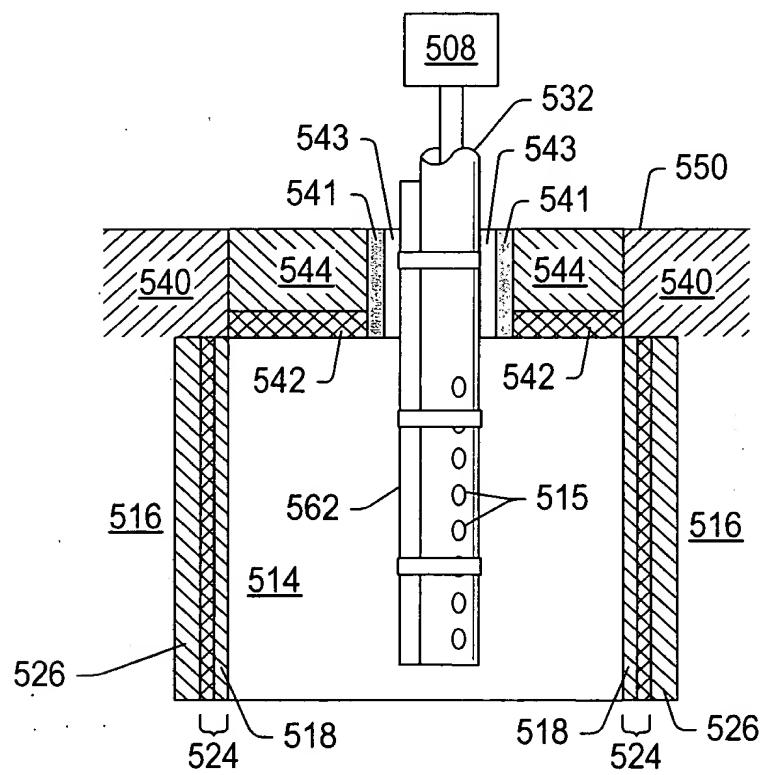


FIG. 12

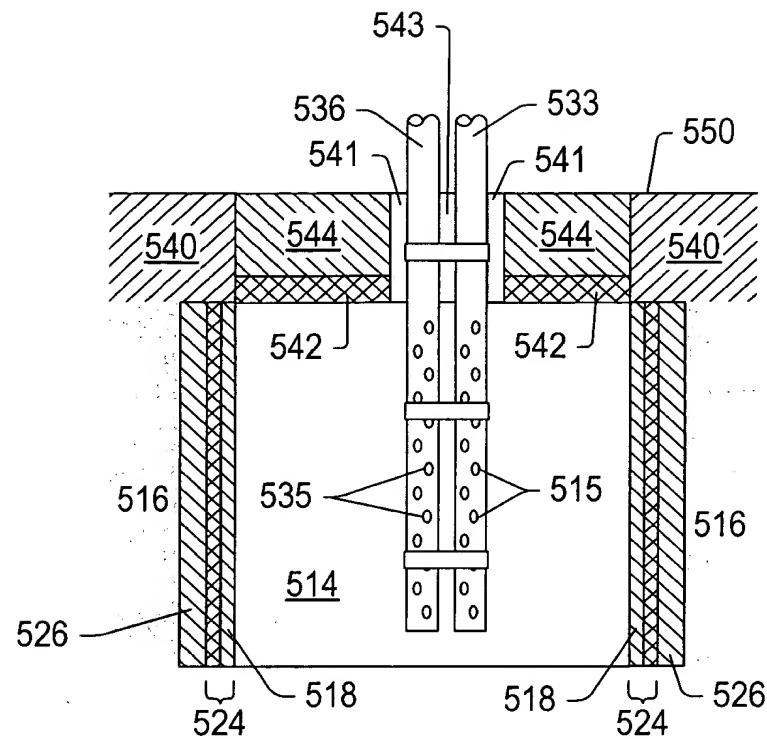


FIG. 13

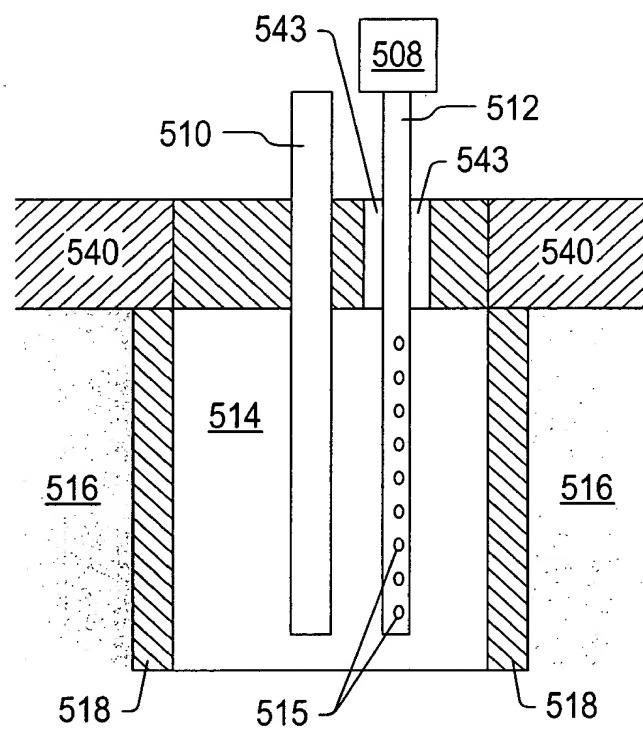


FIG. 14

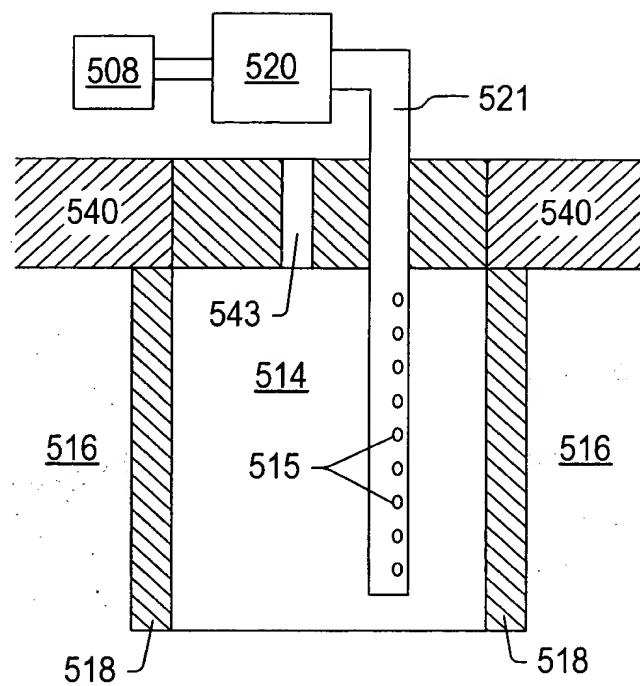


FIG. 15

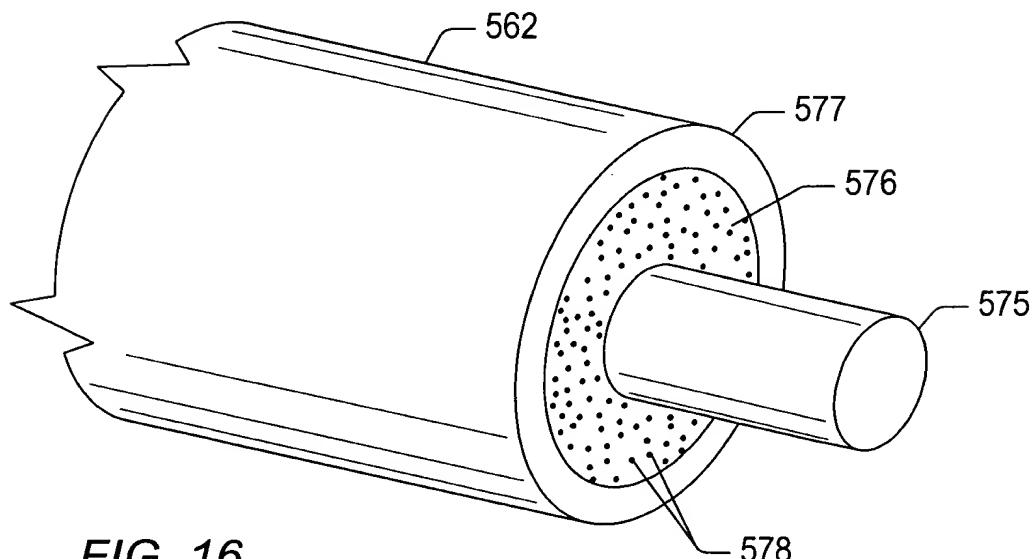


FIG. 16

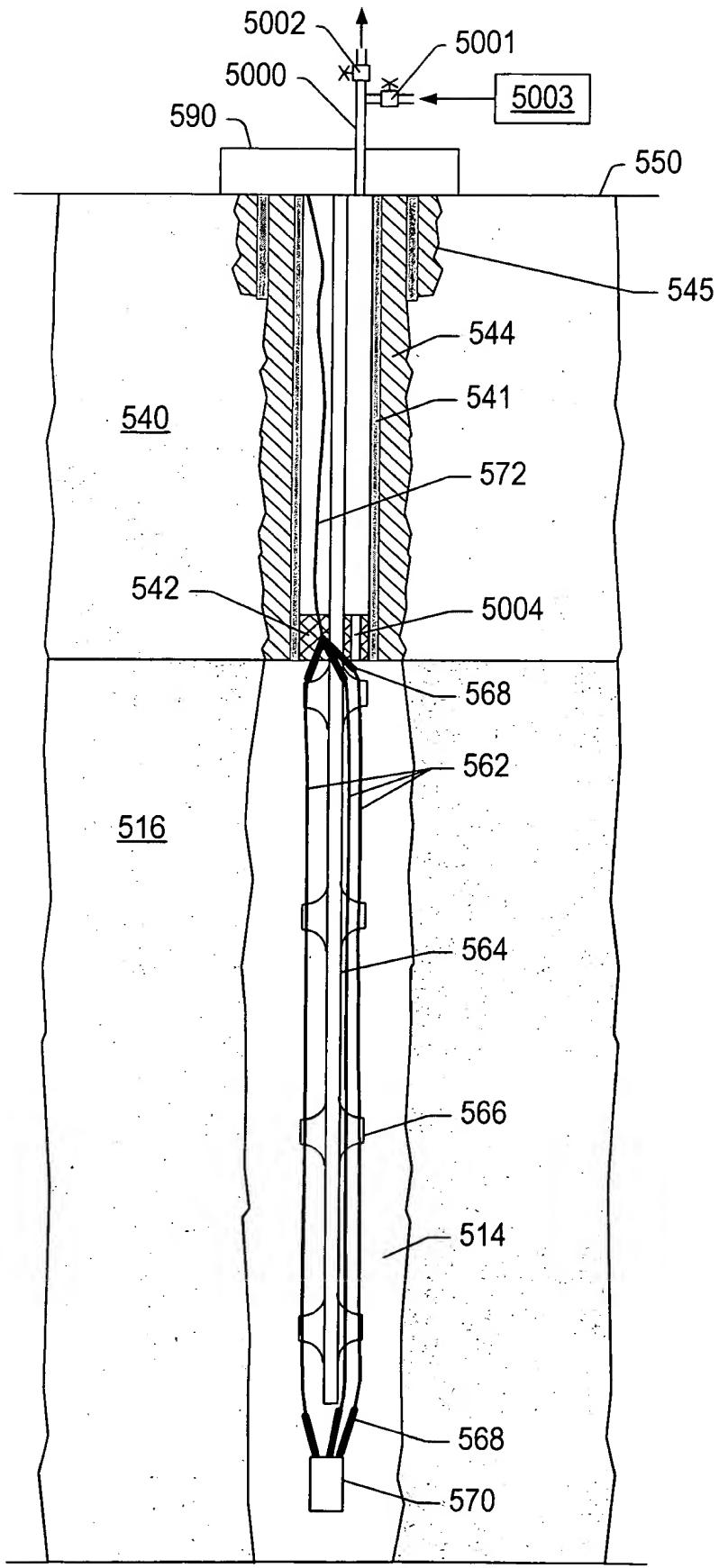


FIG. 17

FIG. 17A

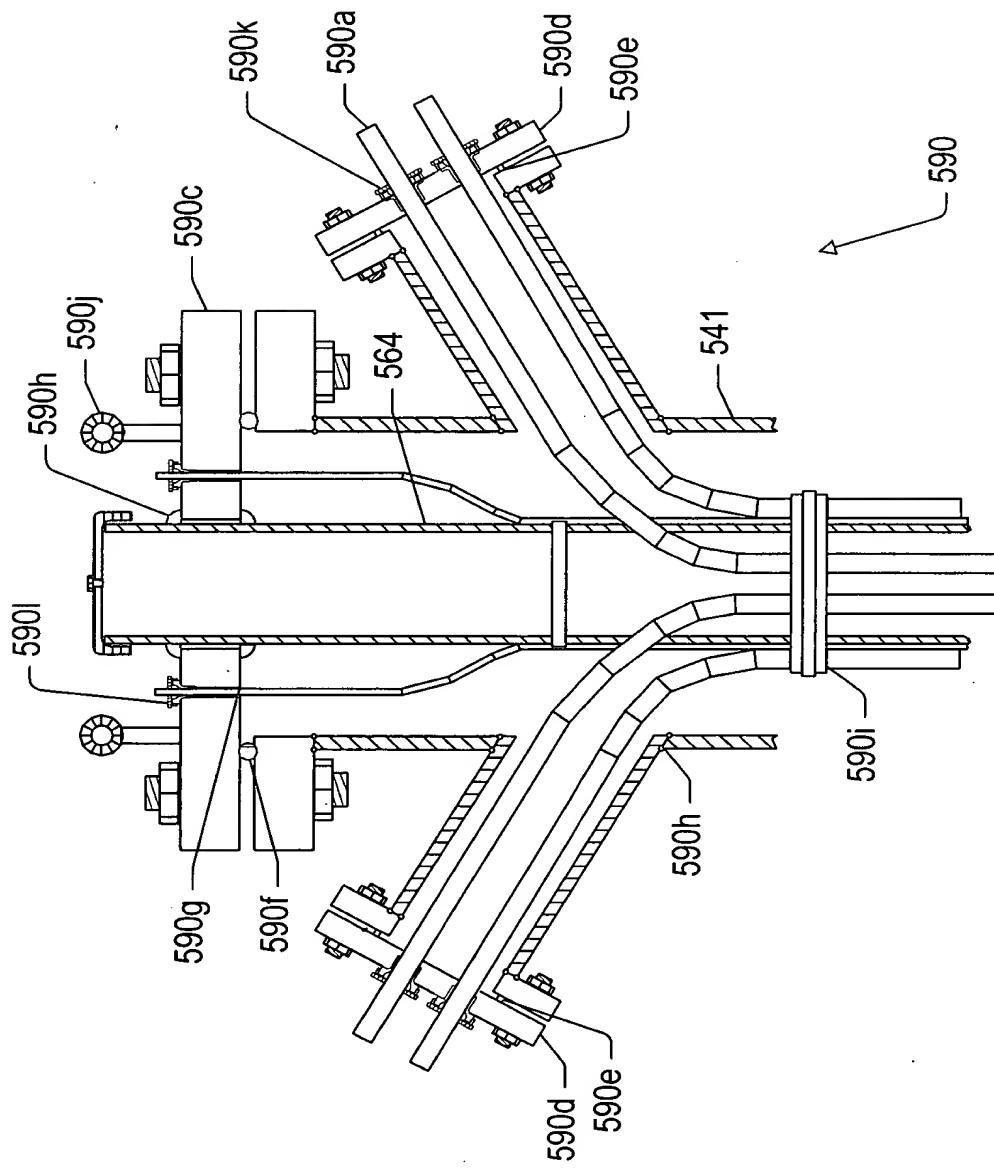
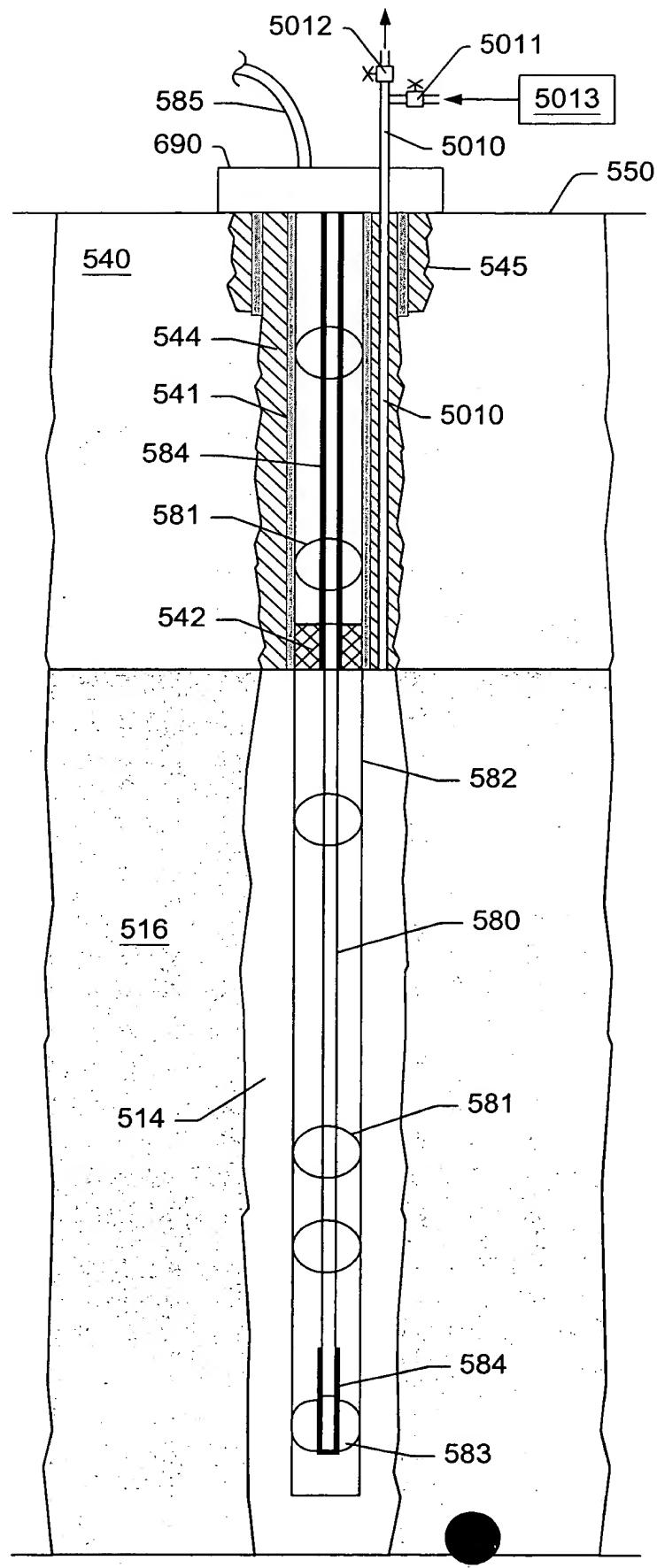
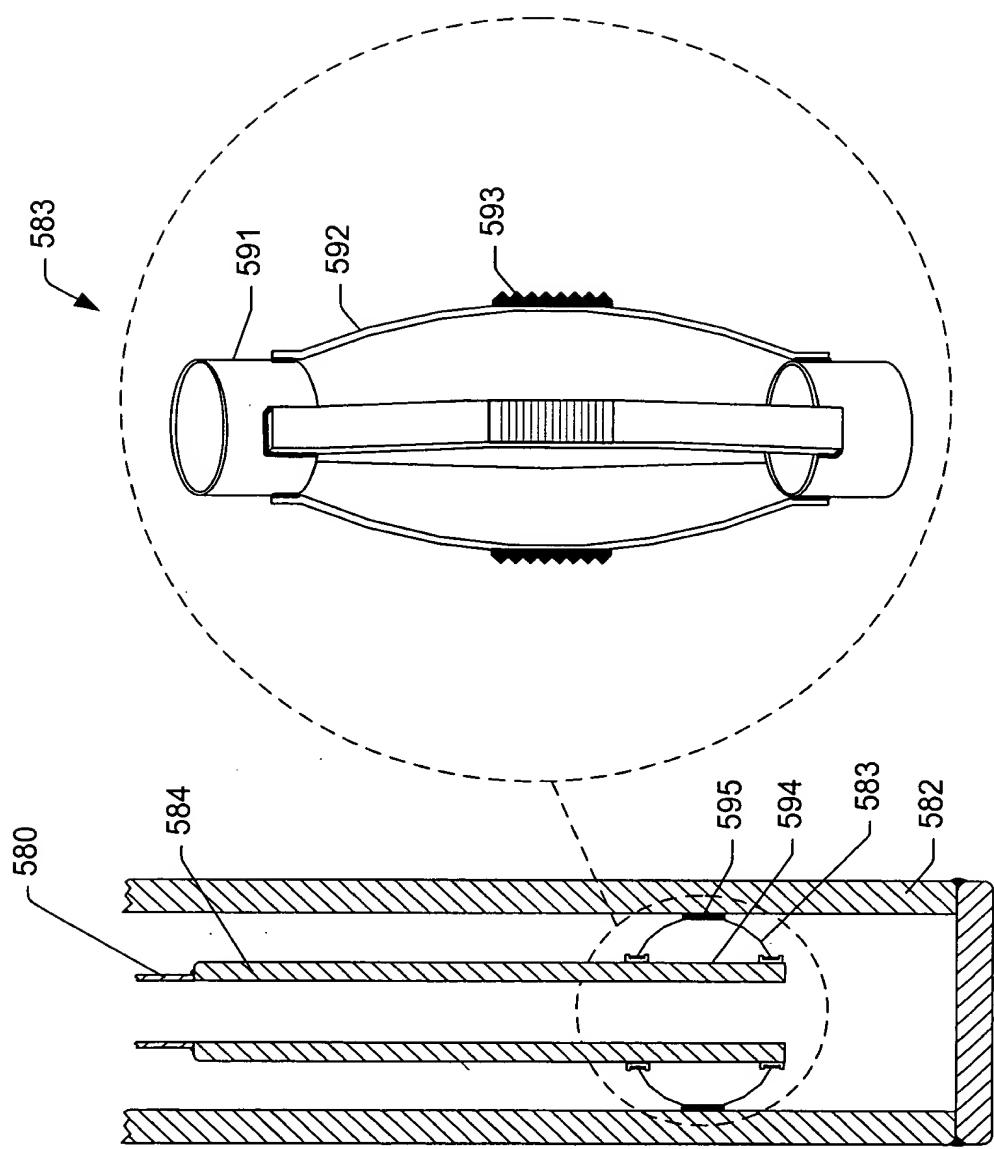


FIG. 18

FIG. 19





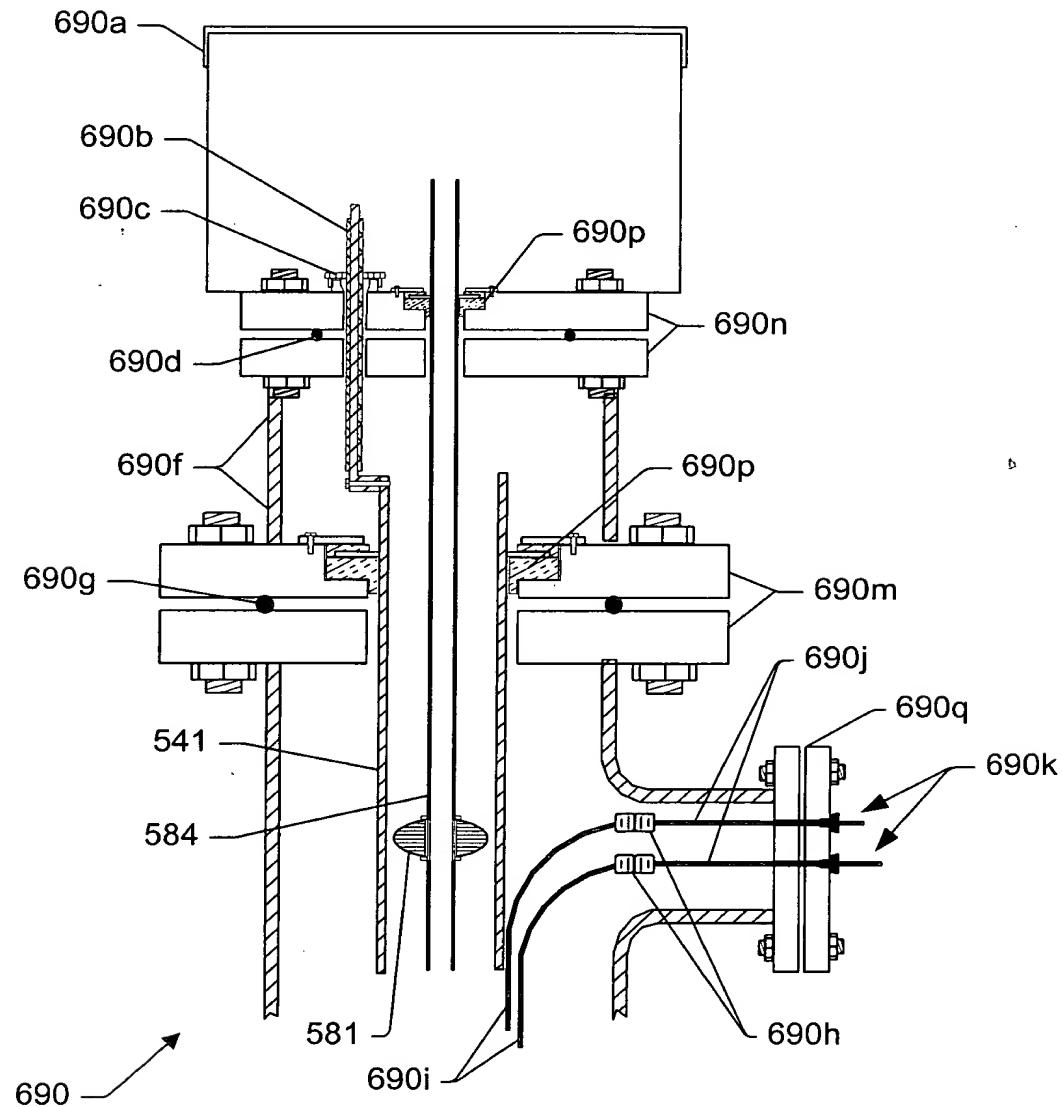


FIG. 21

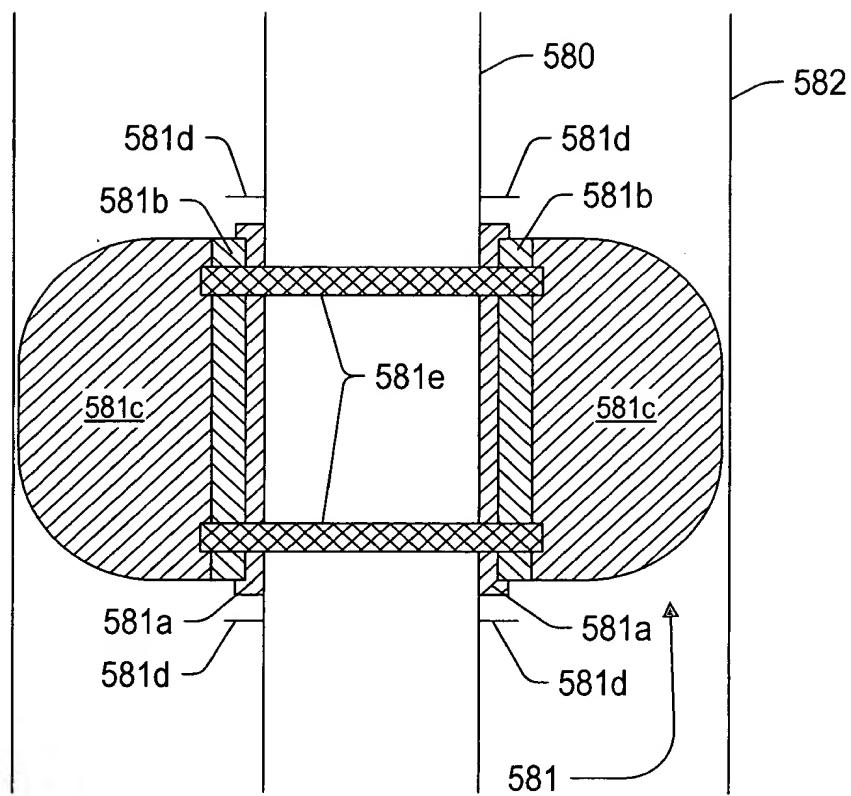


FIG. 22

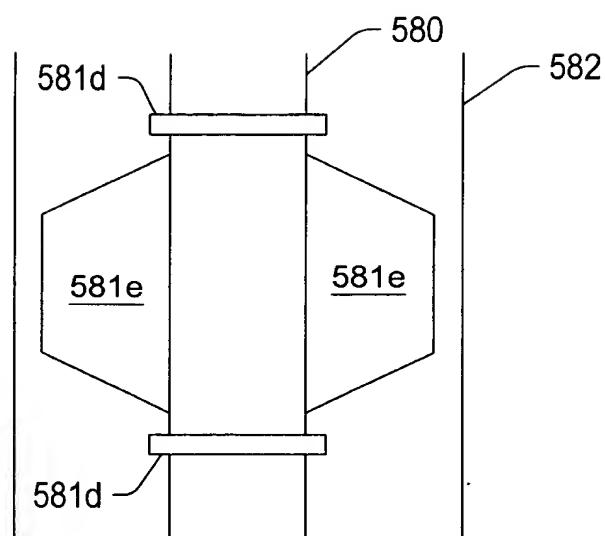


FIG. 23a

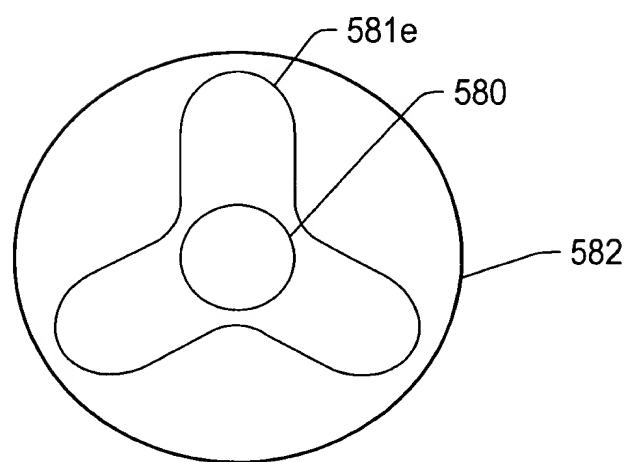


FIG. 23b

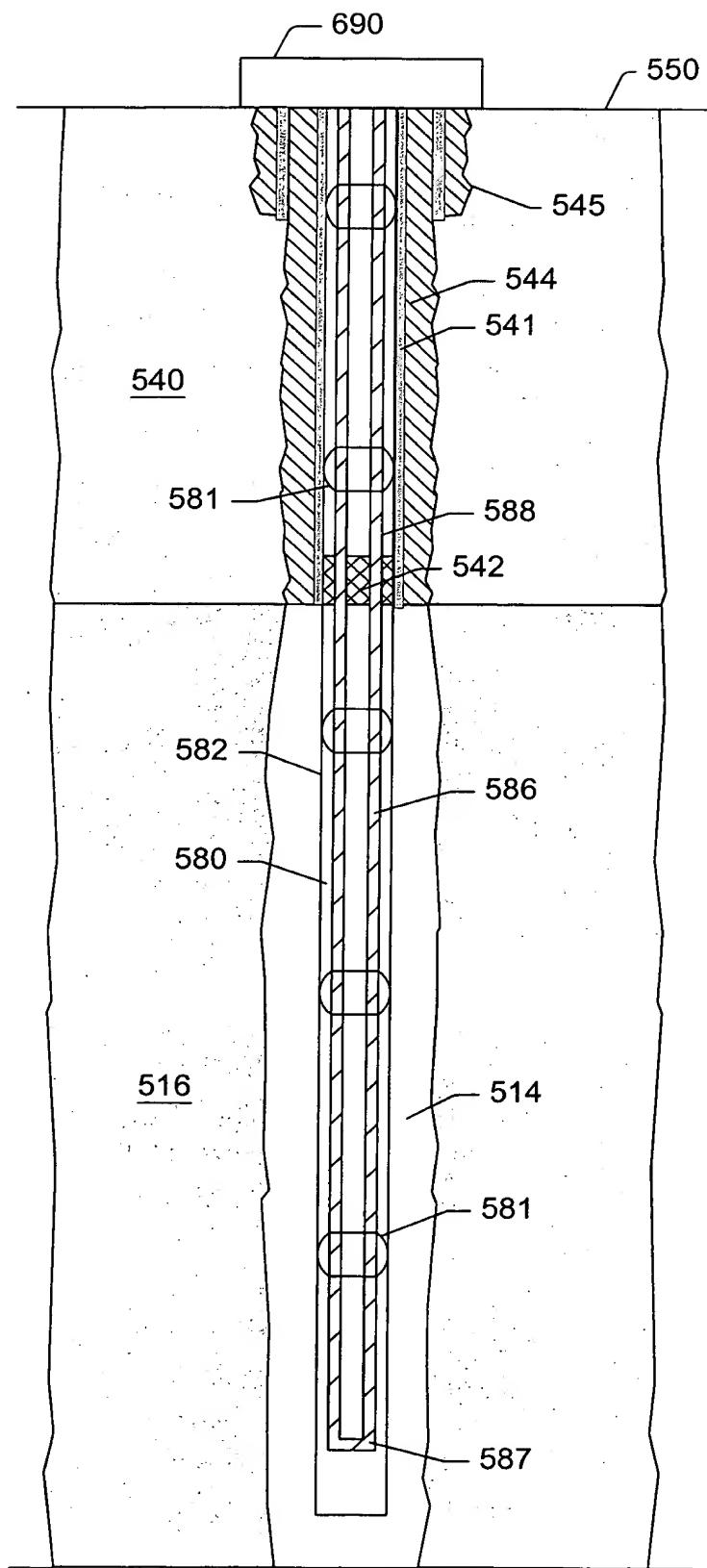


Fig. 24

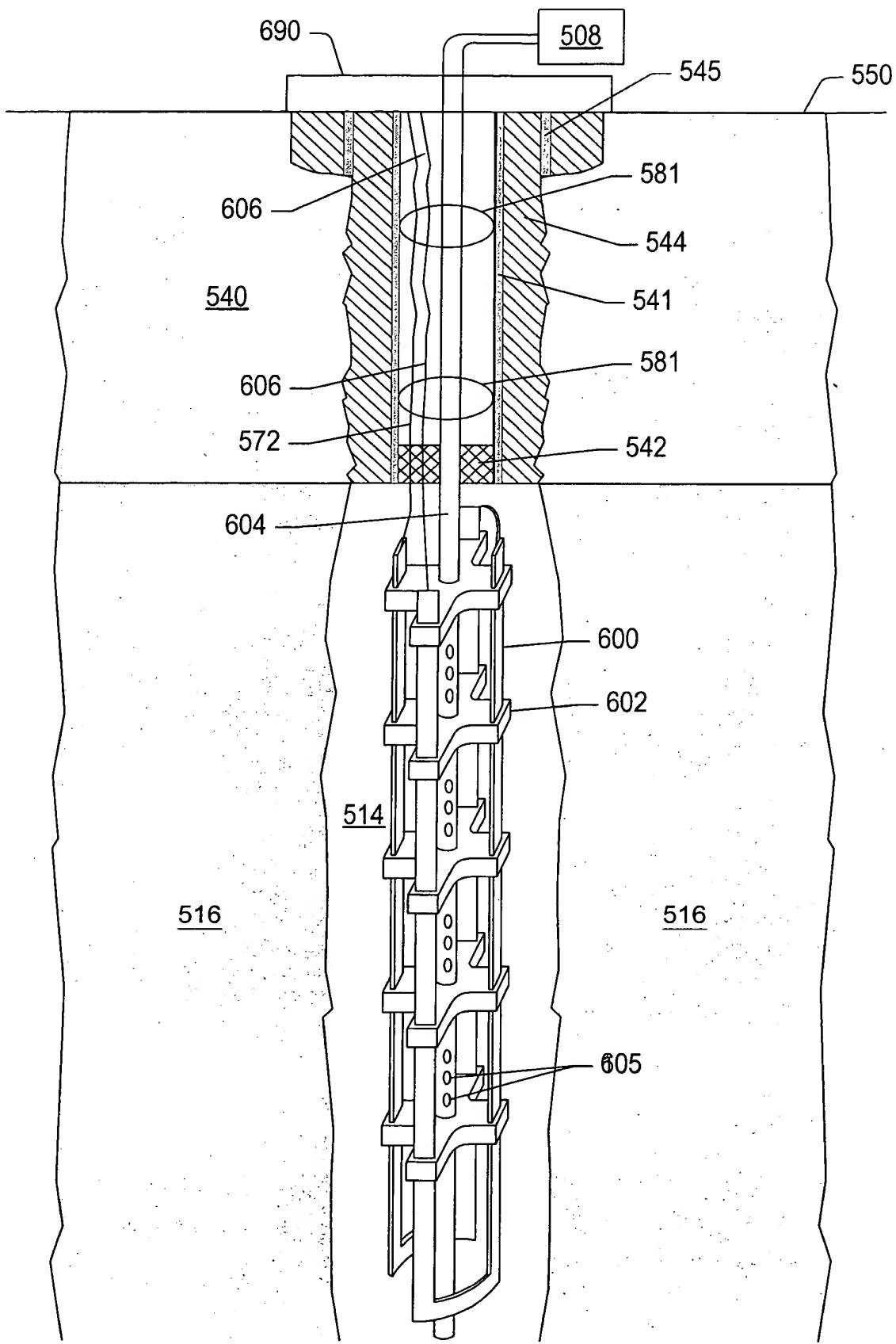


FIG. 25

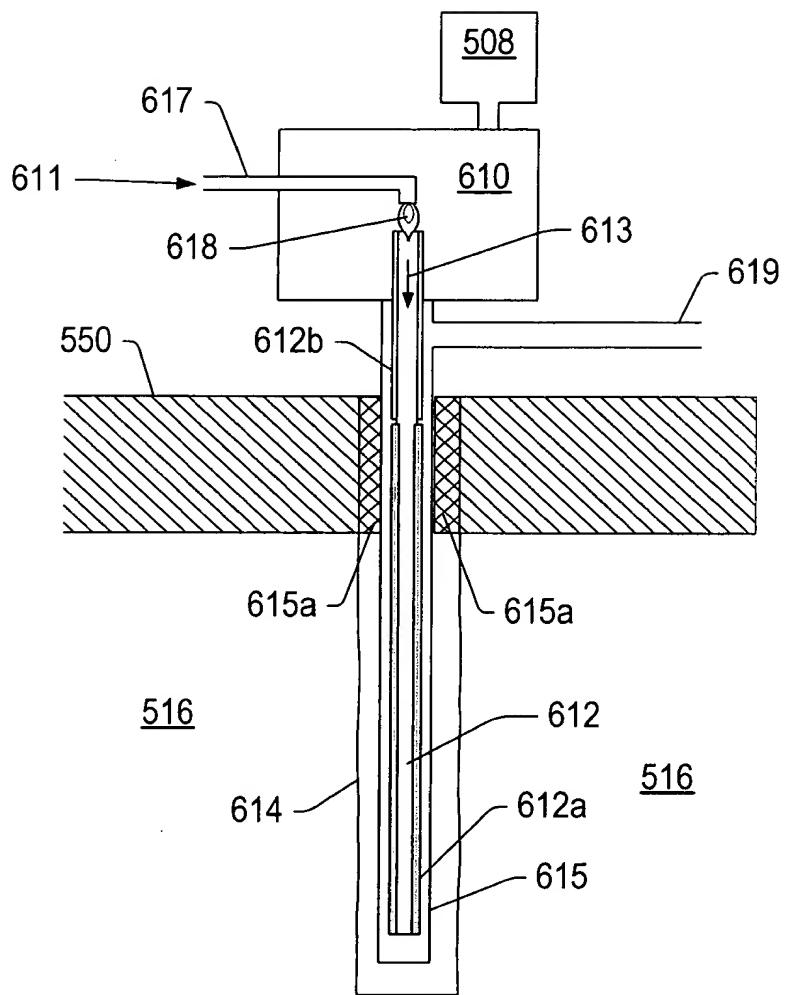


FIG. 26

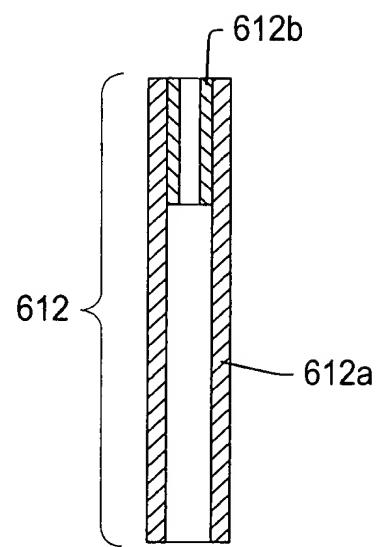


FIG. 27

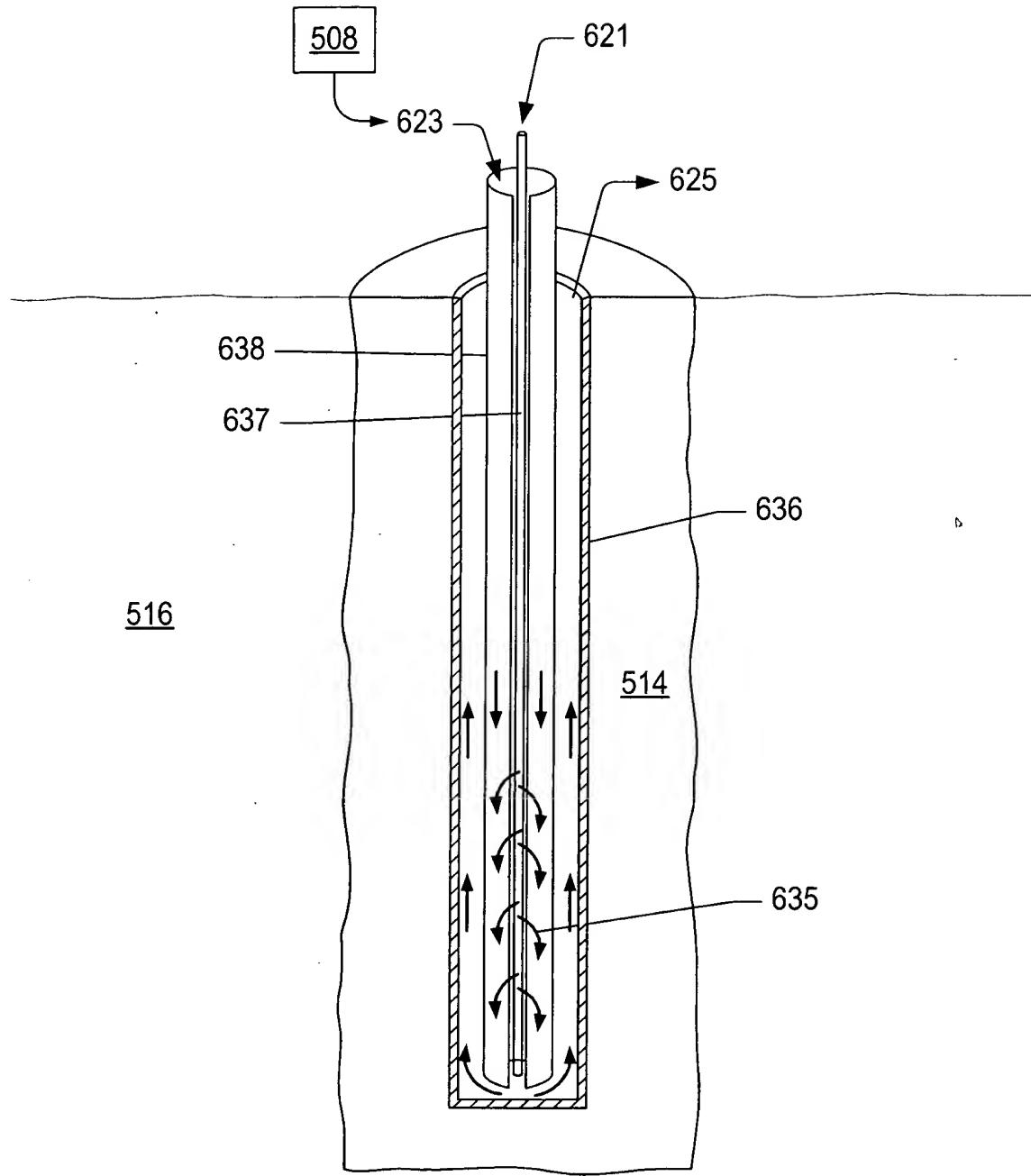


FIG. 28

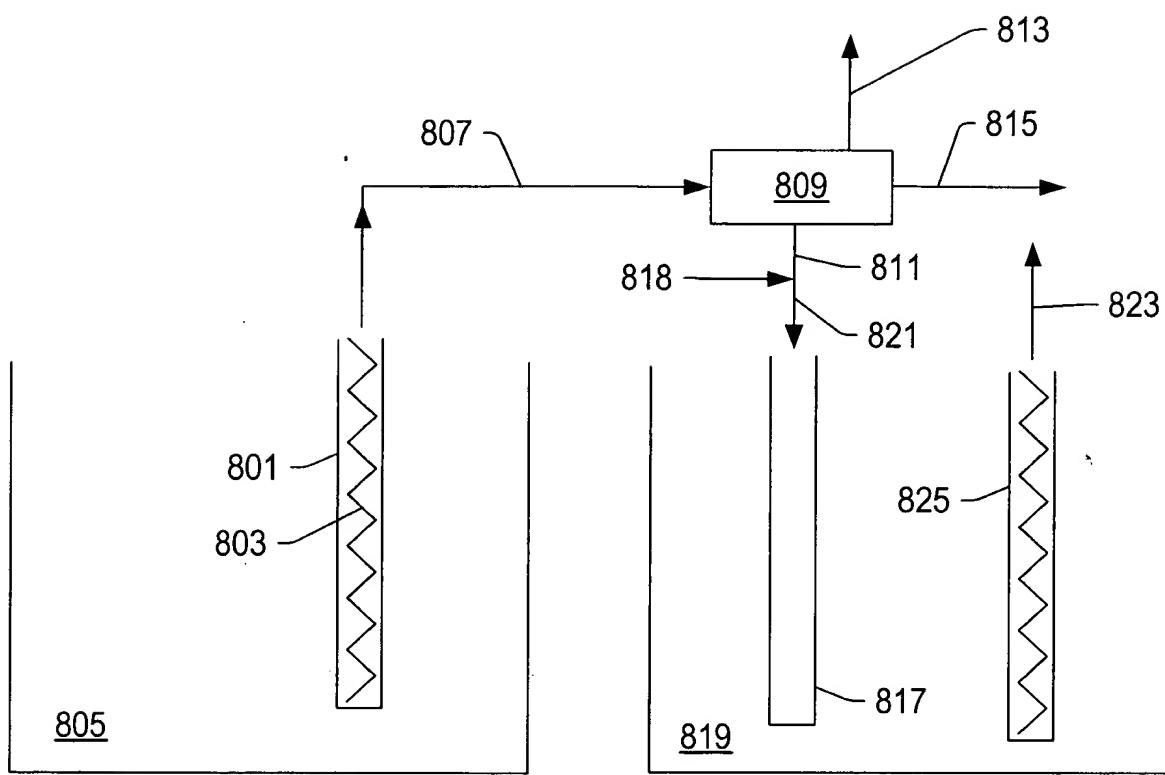


FIG. 29

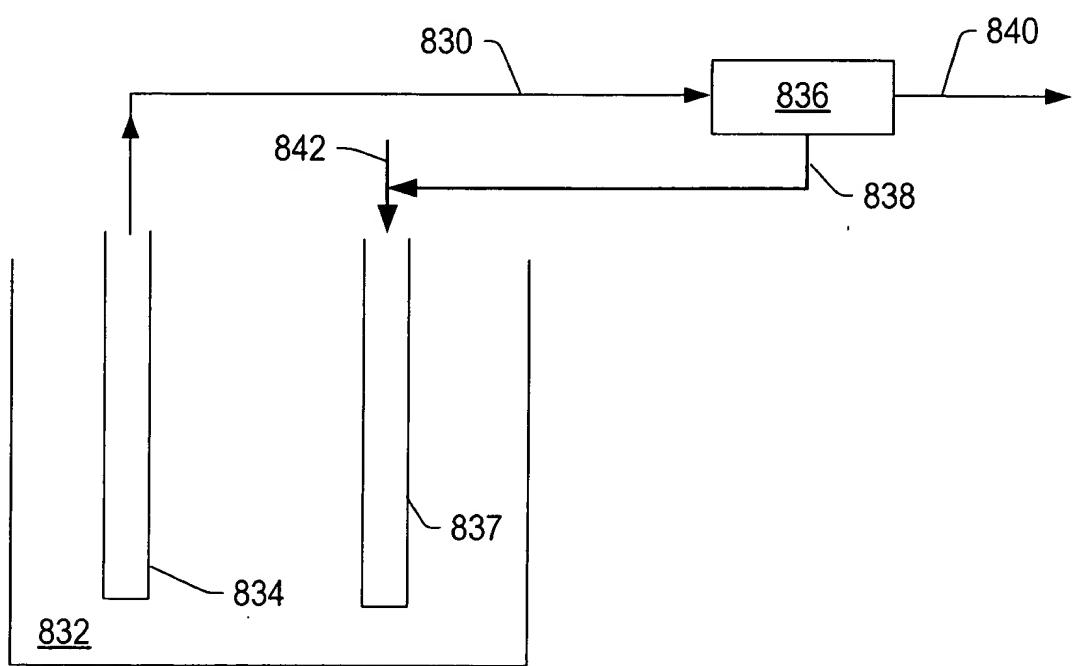


FIG. 30

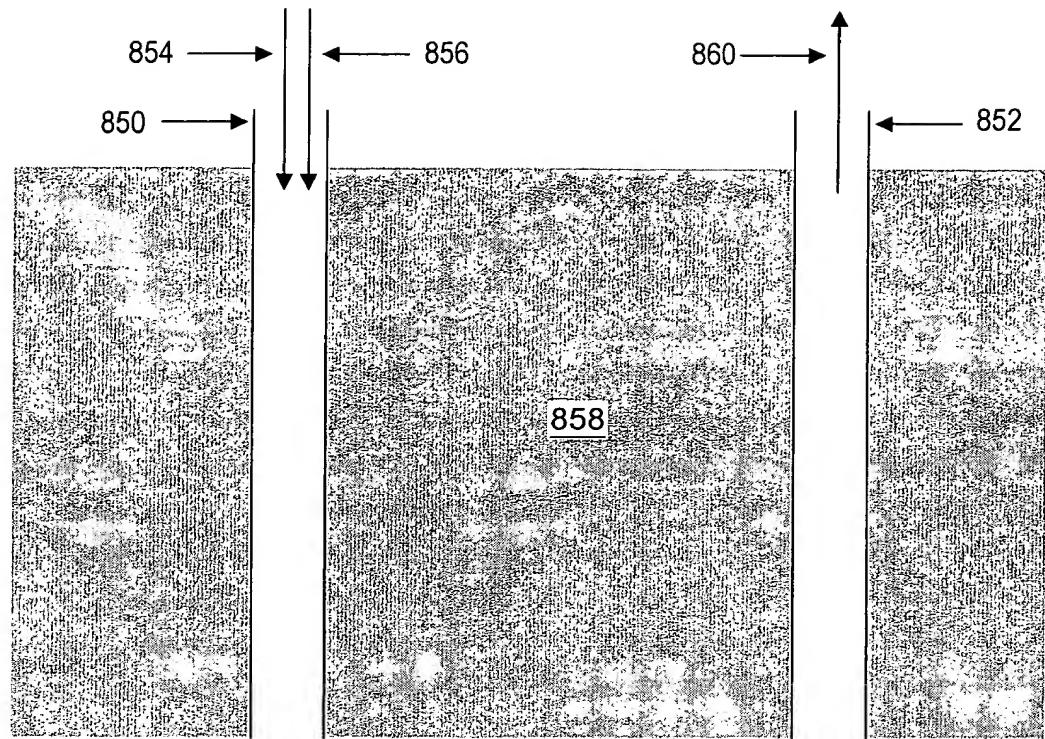


FIG. 31

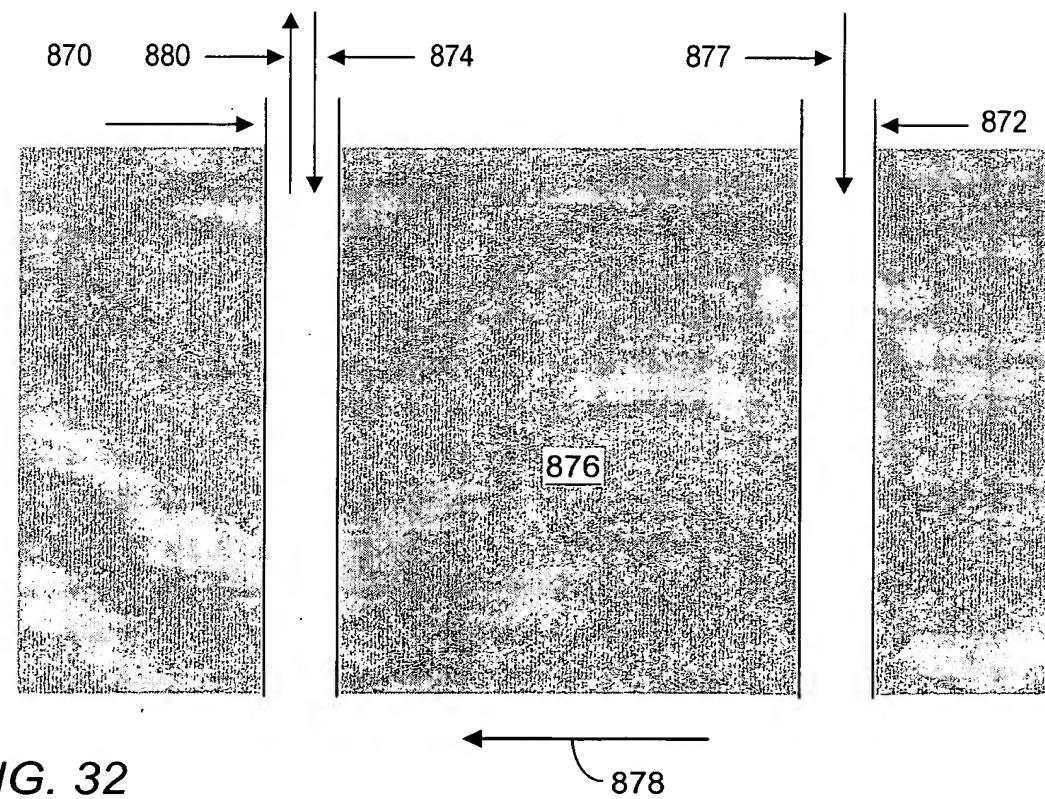


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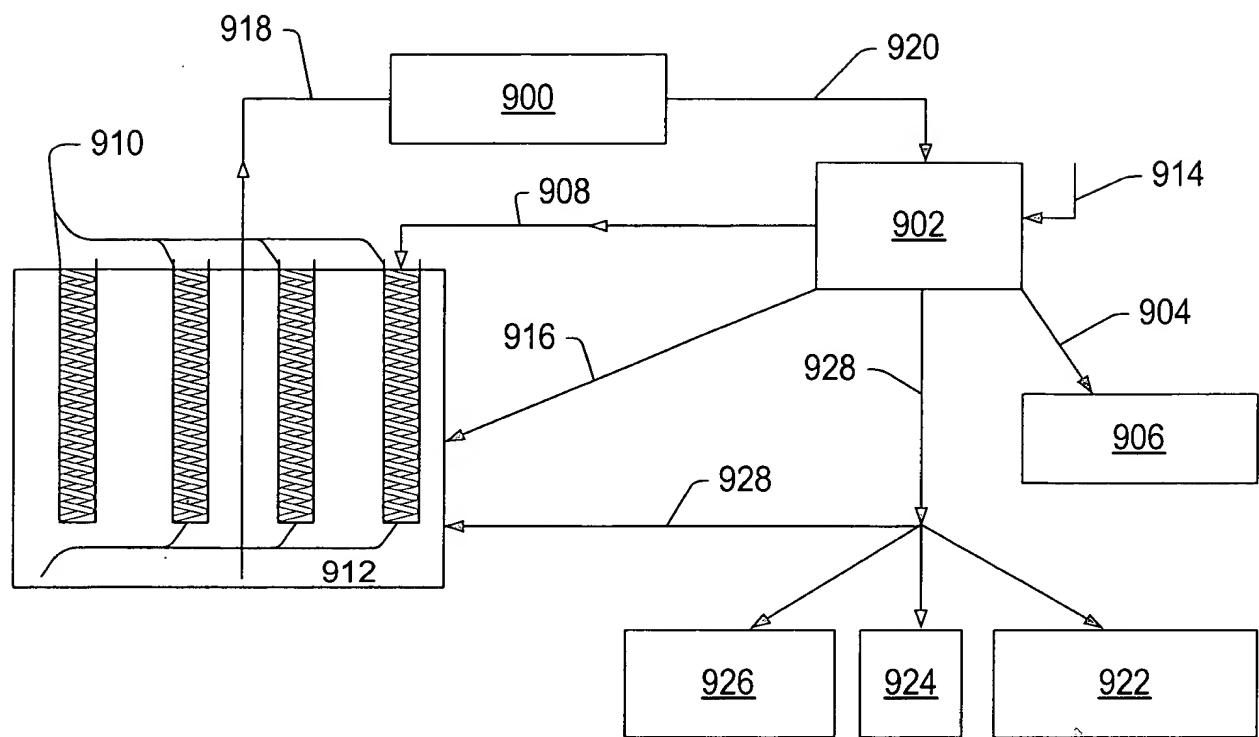


FIG. 33

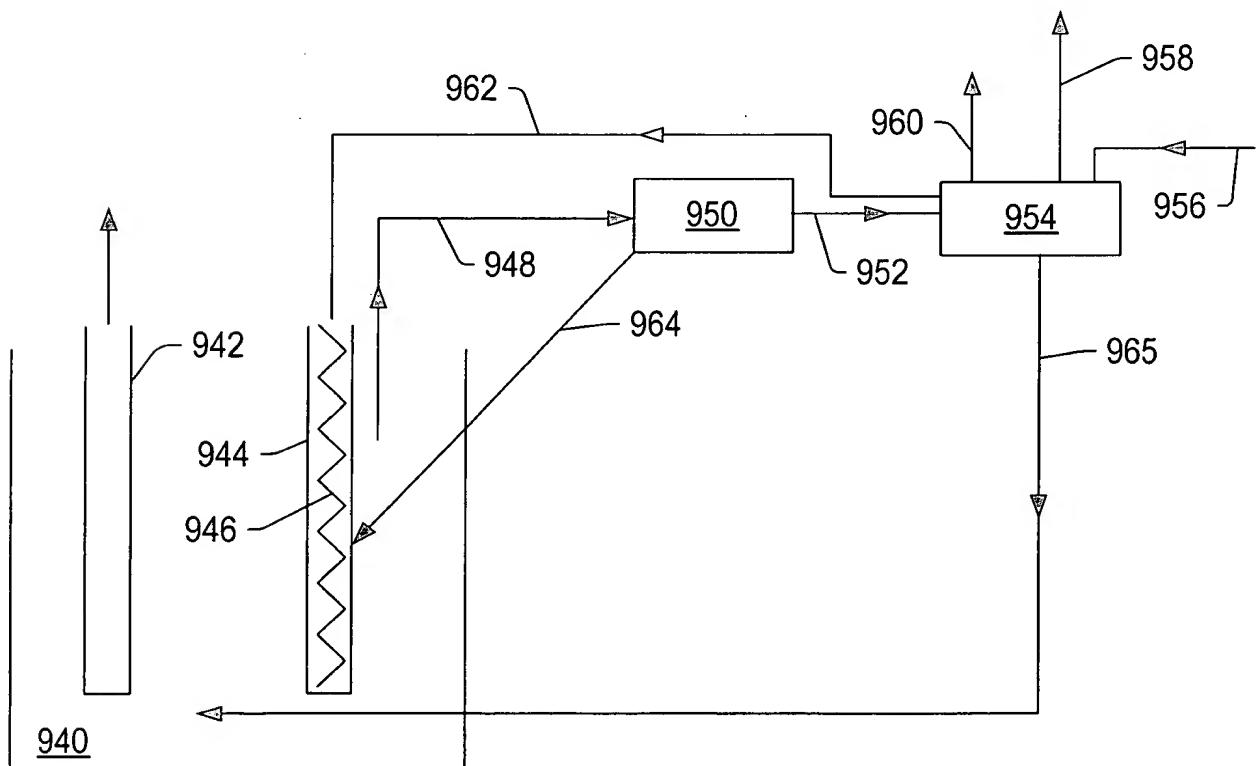


FIG. 34

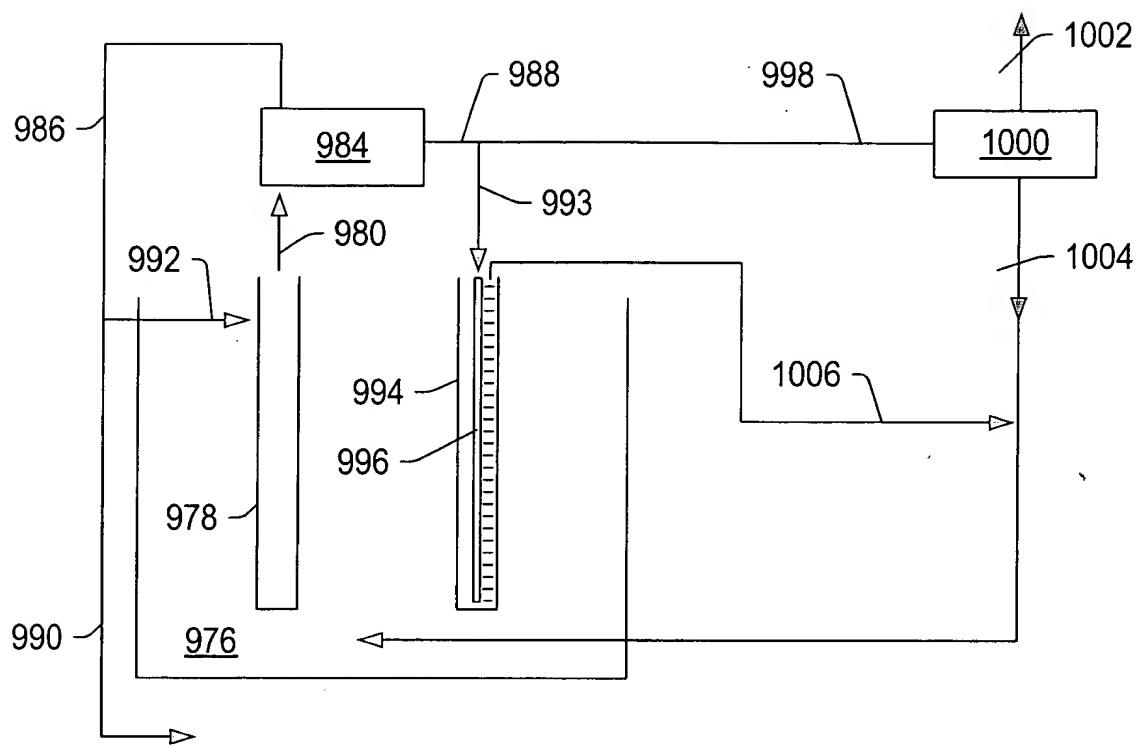


FIG. 35

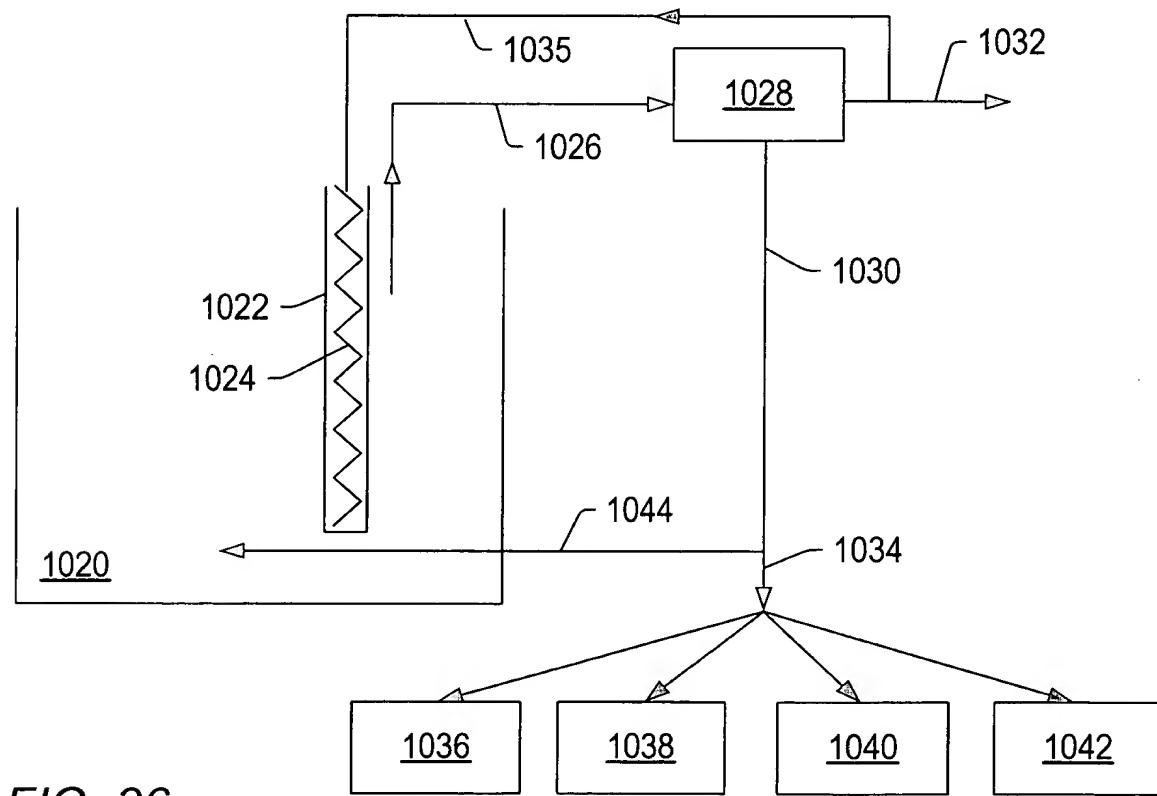


FIG. 36

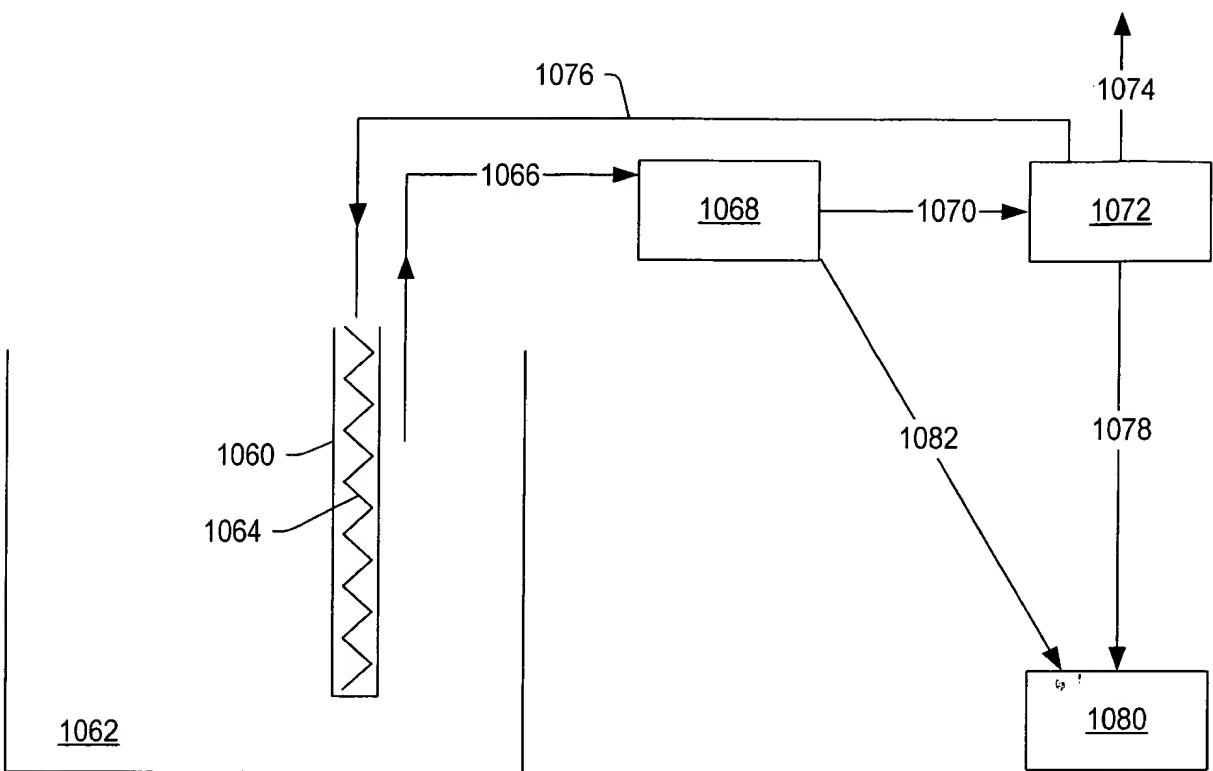


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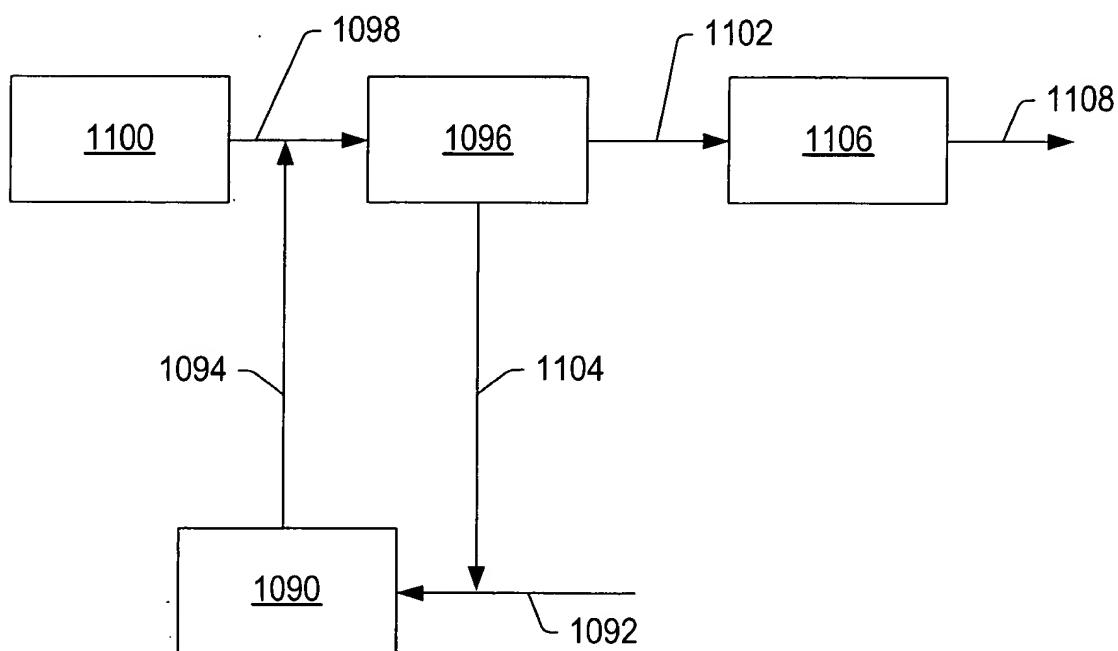


FIG. 38

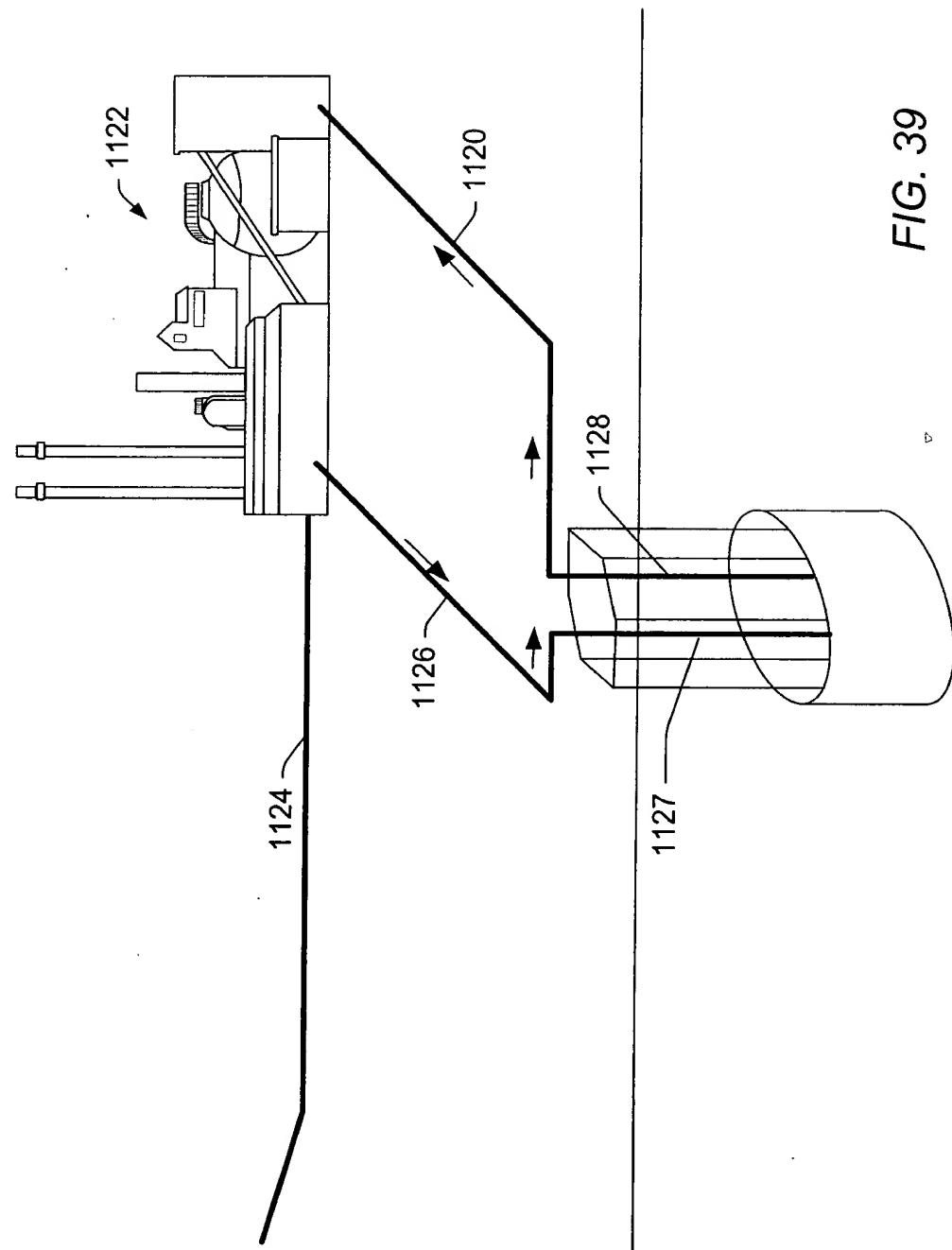


FIG. 39

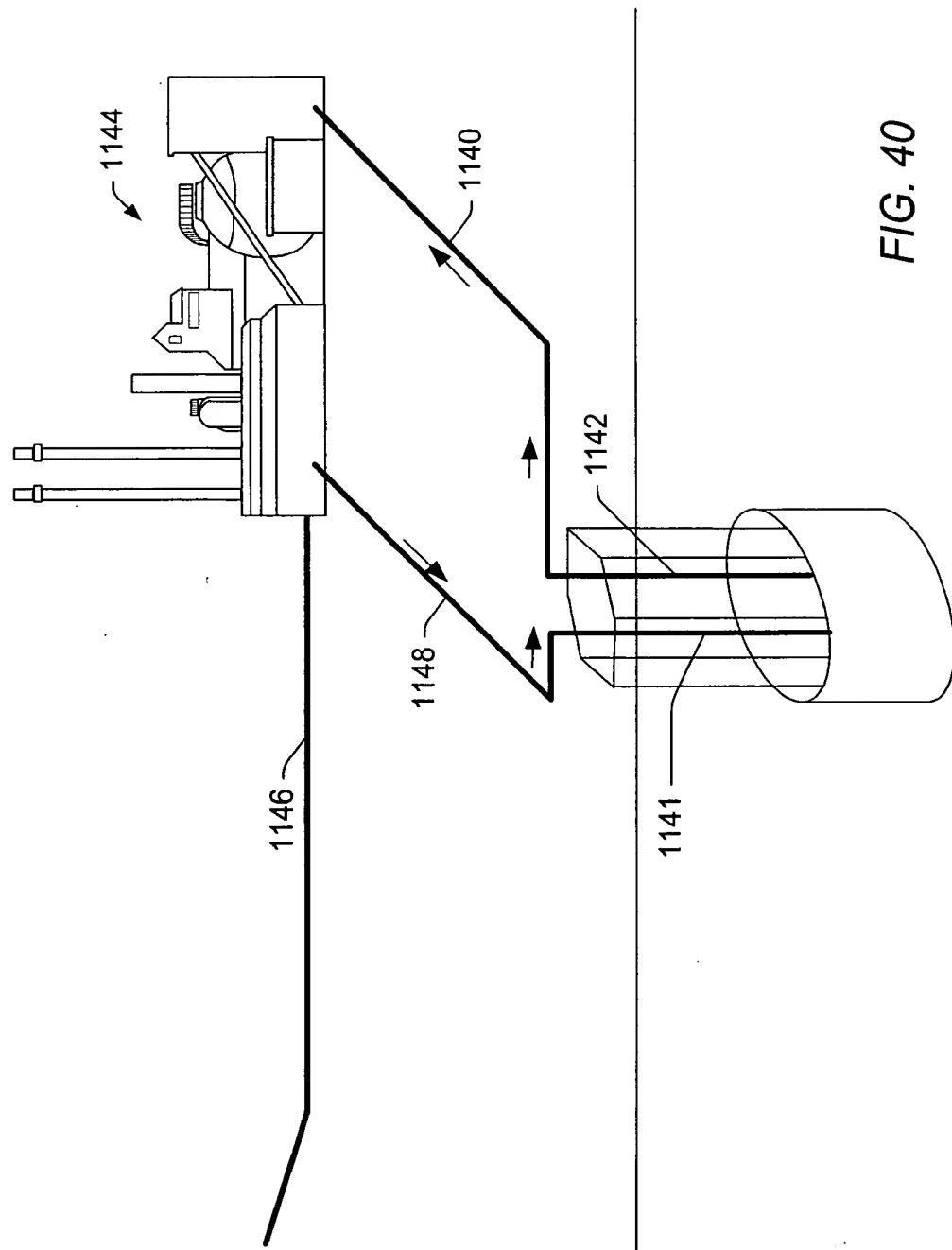


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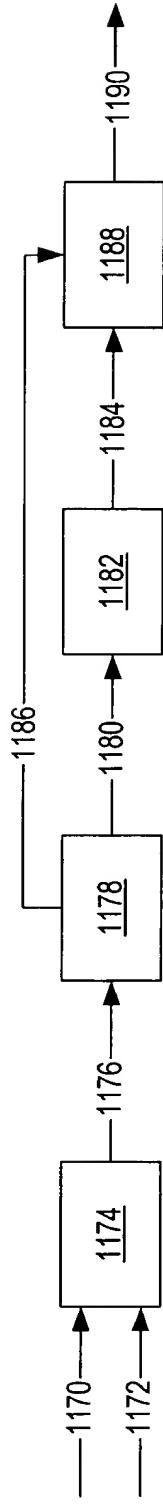


FIG. 41

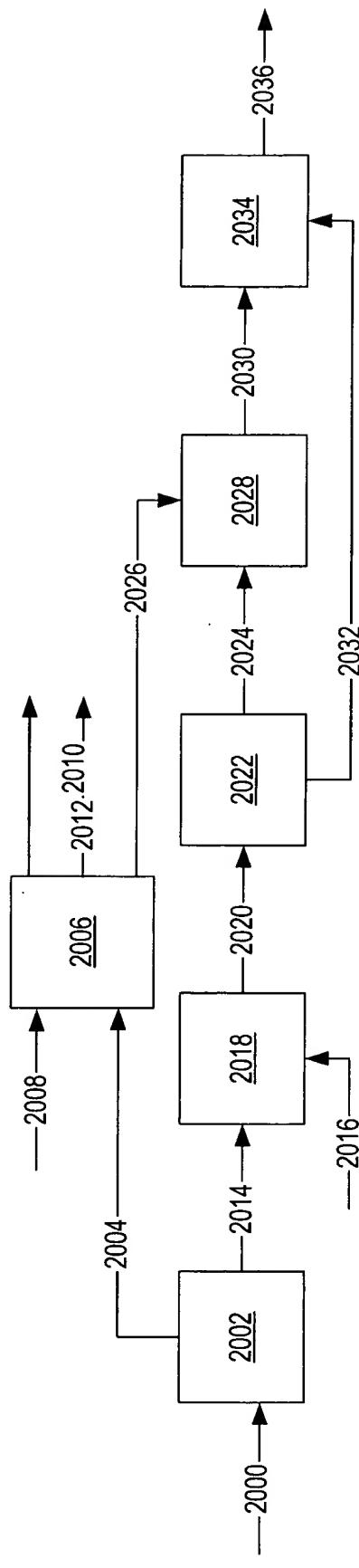


FIG. 42

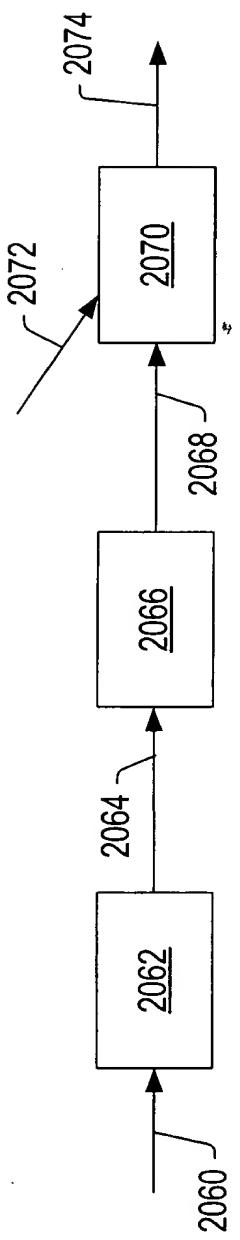


FIG. 43

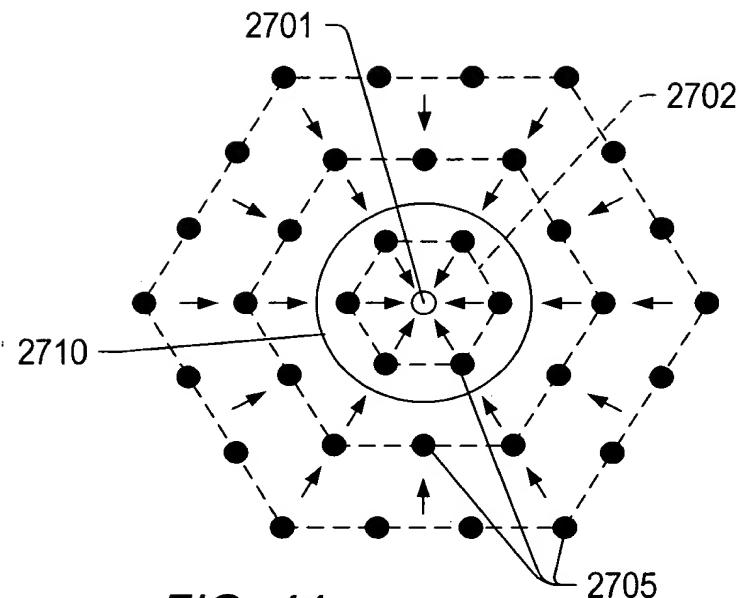


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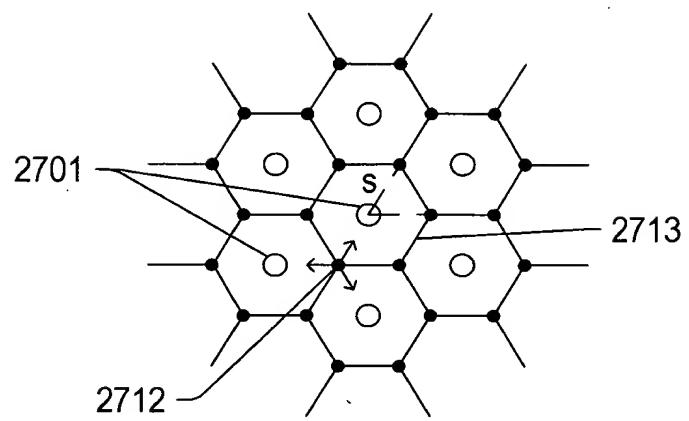


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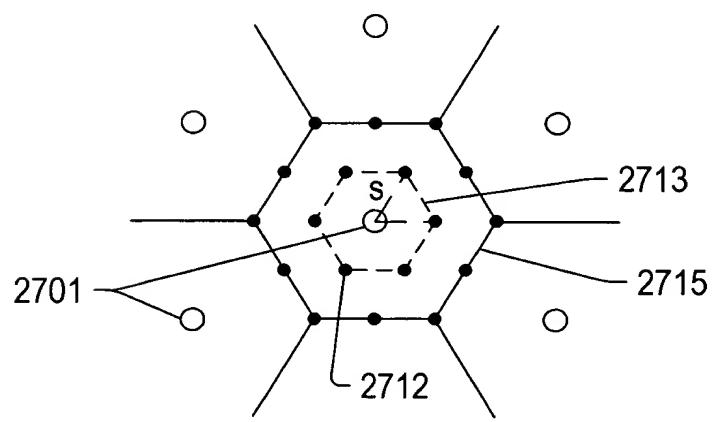


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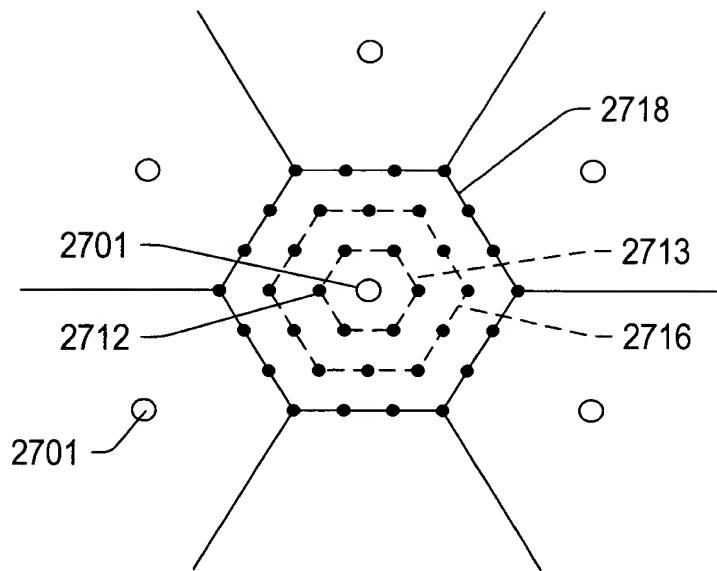


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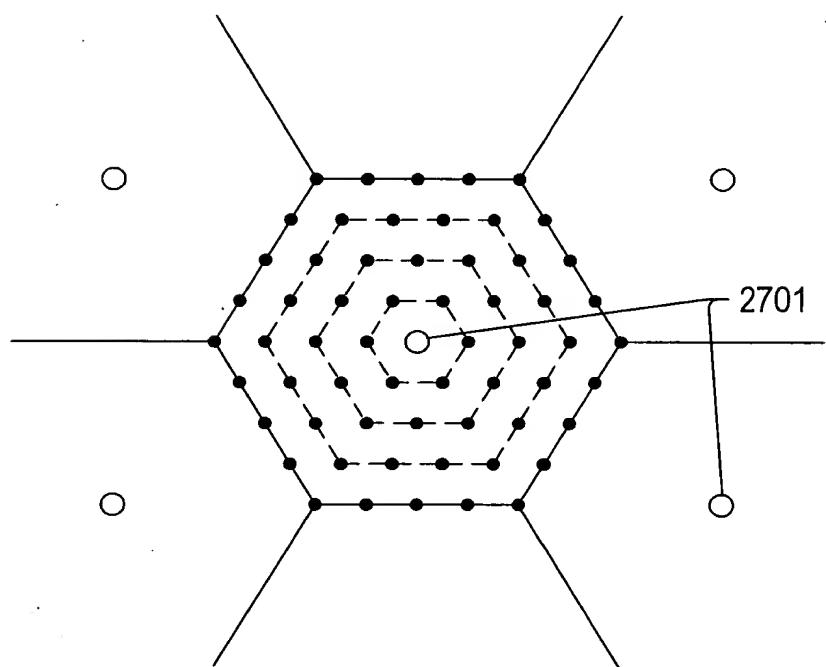


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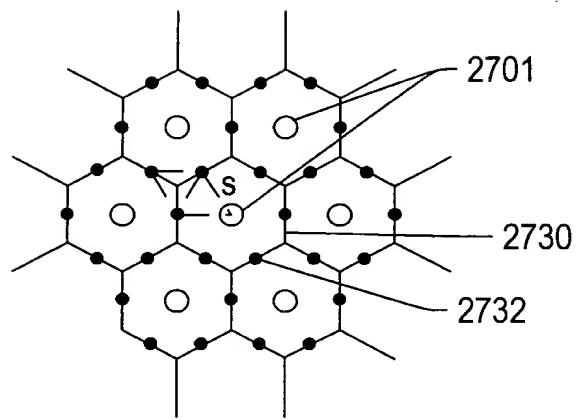


FIG. 49

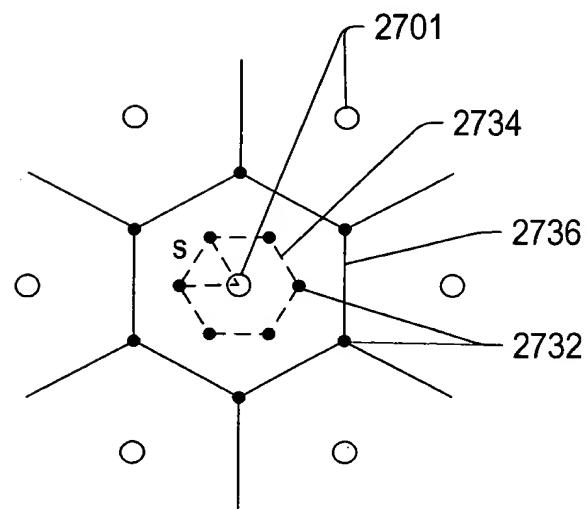


FIG. 50

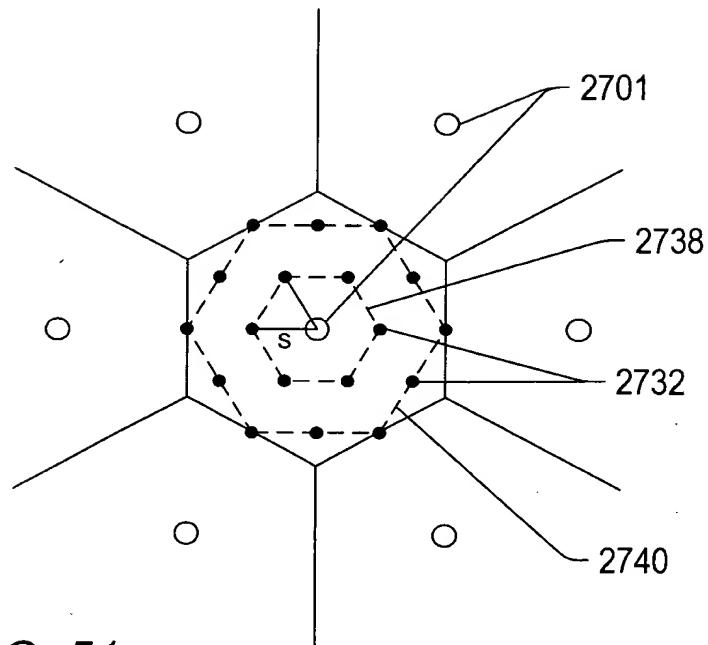


FIG. 51

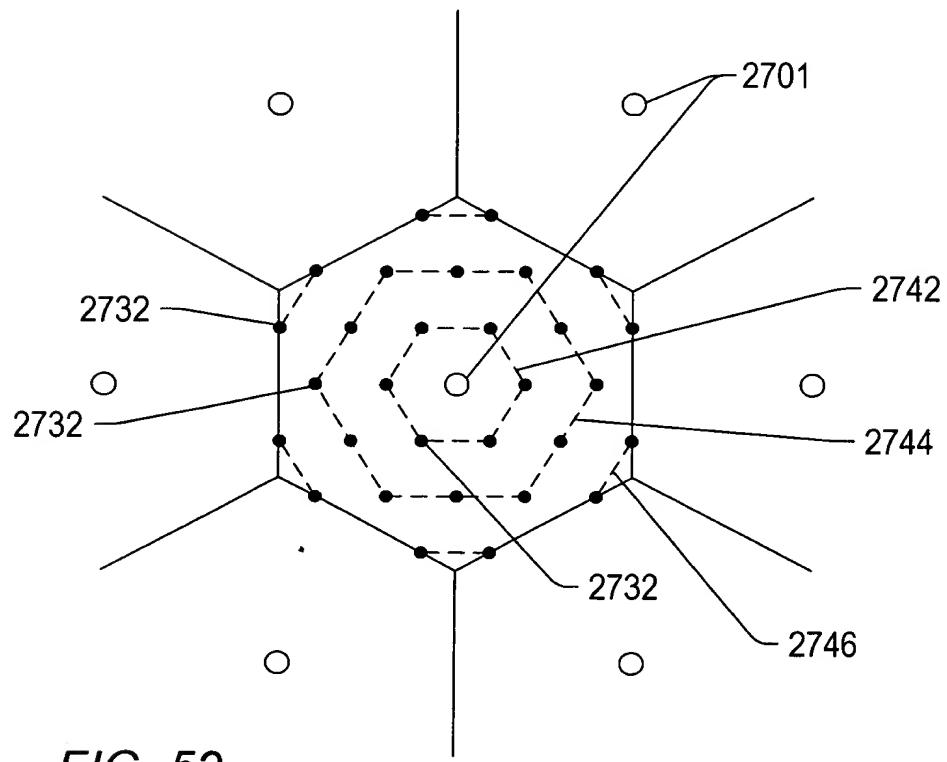


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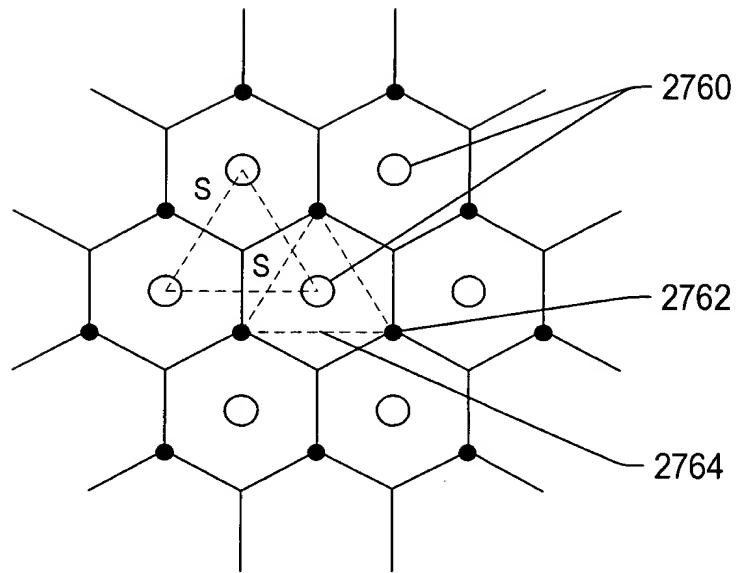


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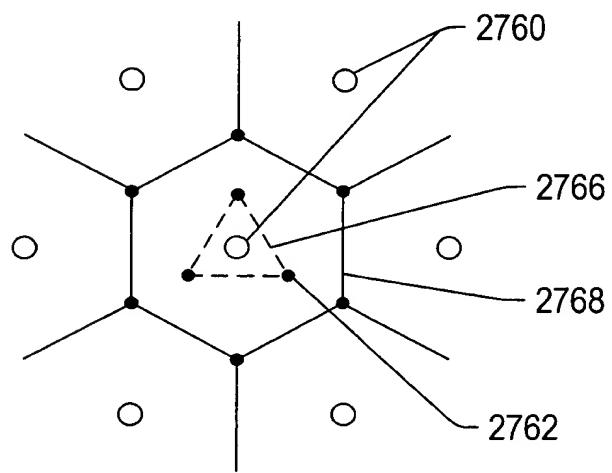


FIG. 54

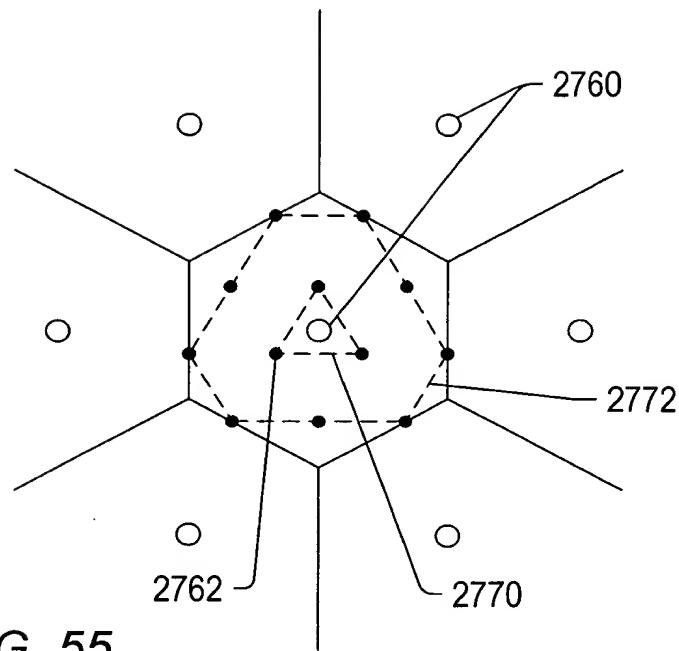


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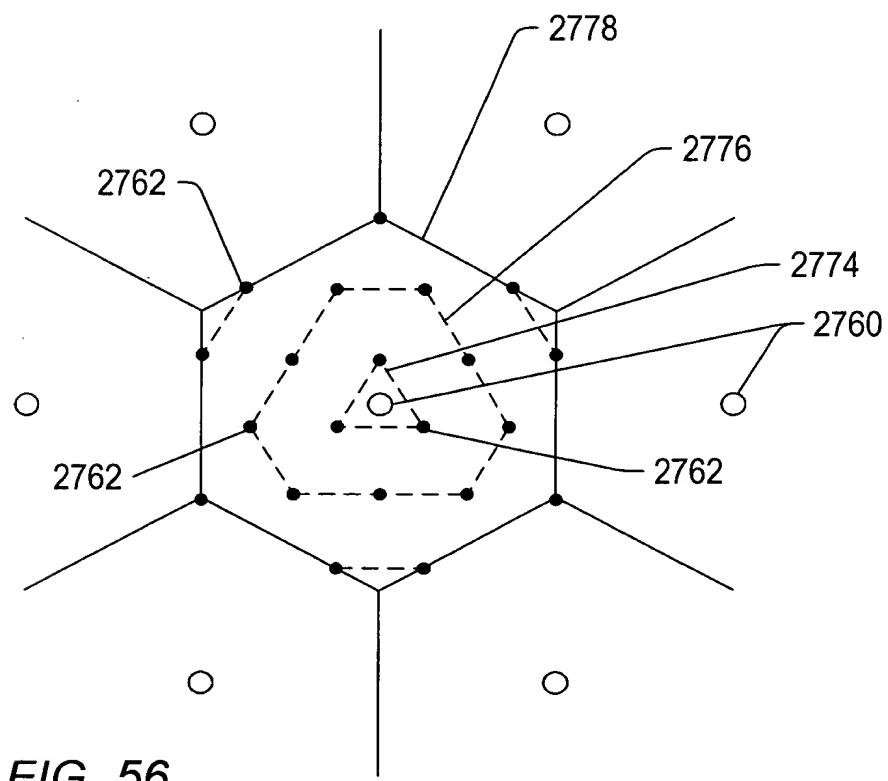
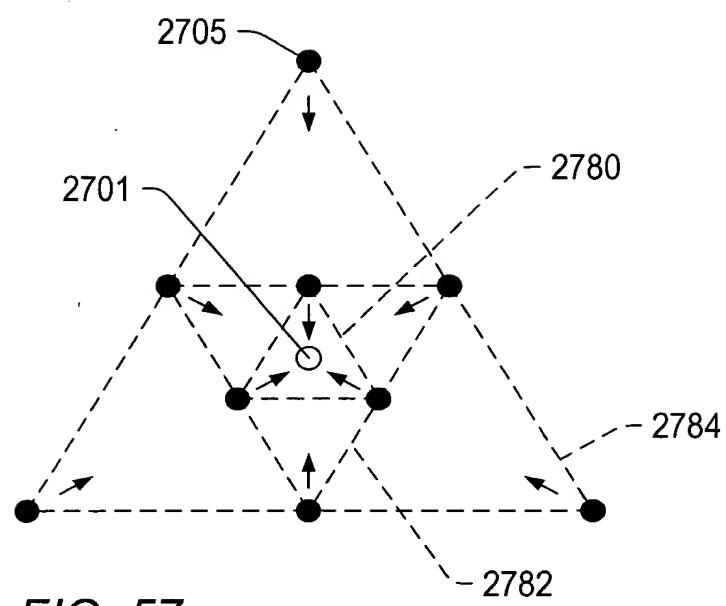


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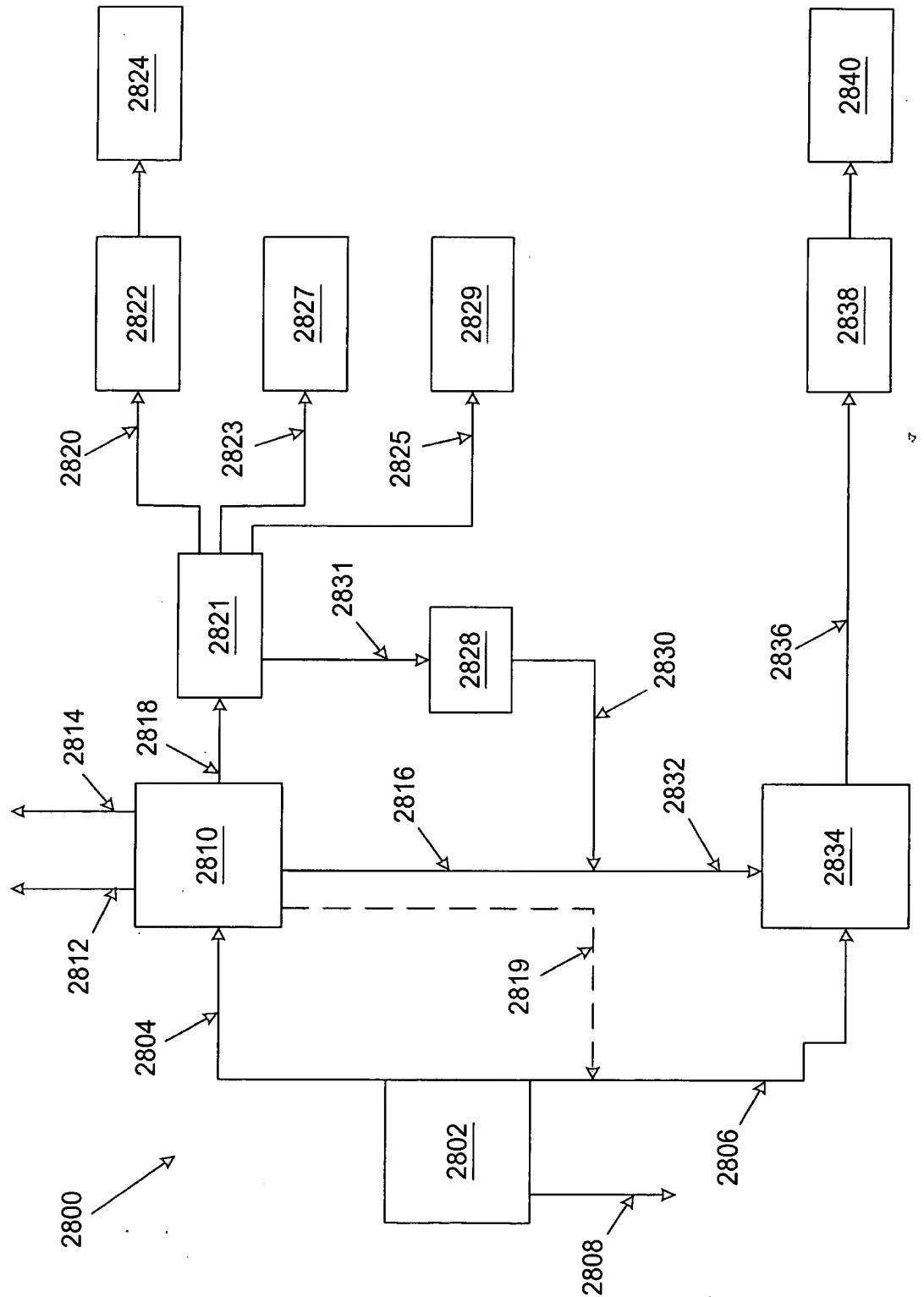


Fig. 58

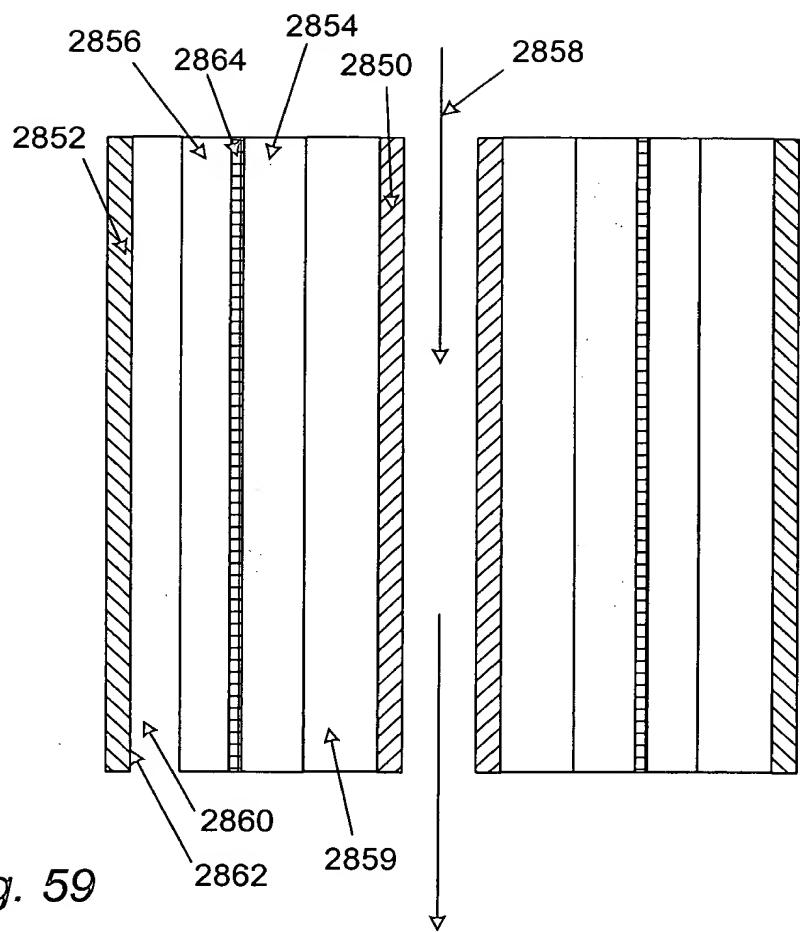


Fig. 59

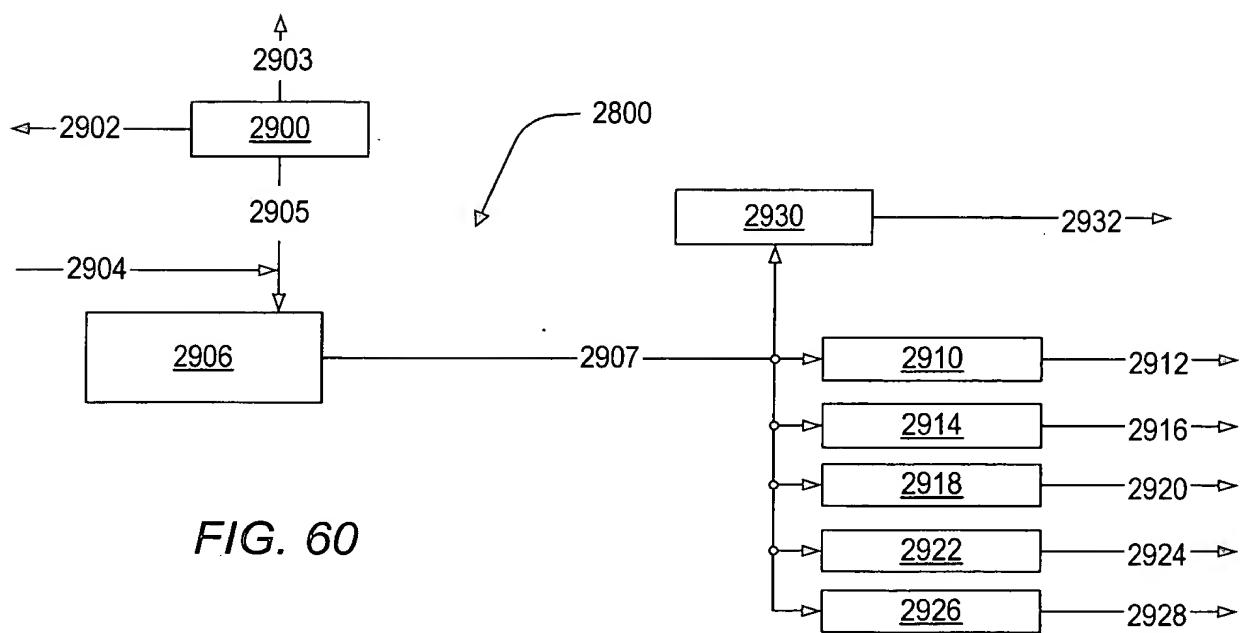


FIG. 60

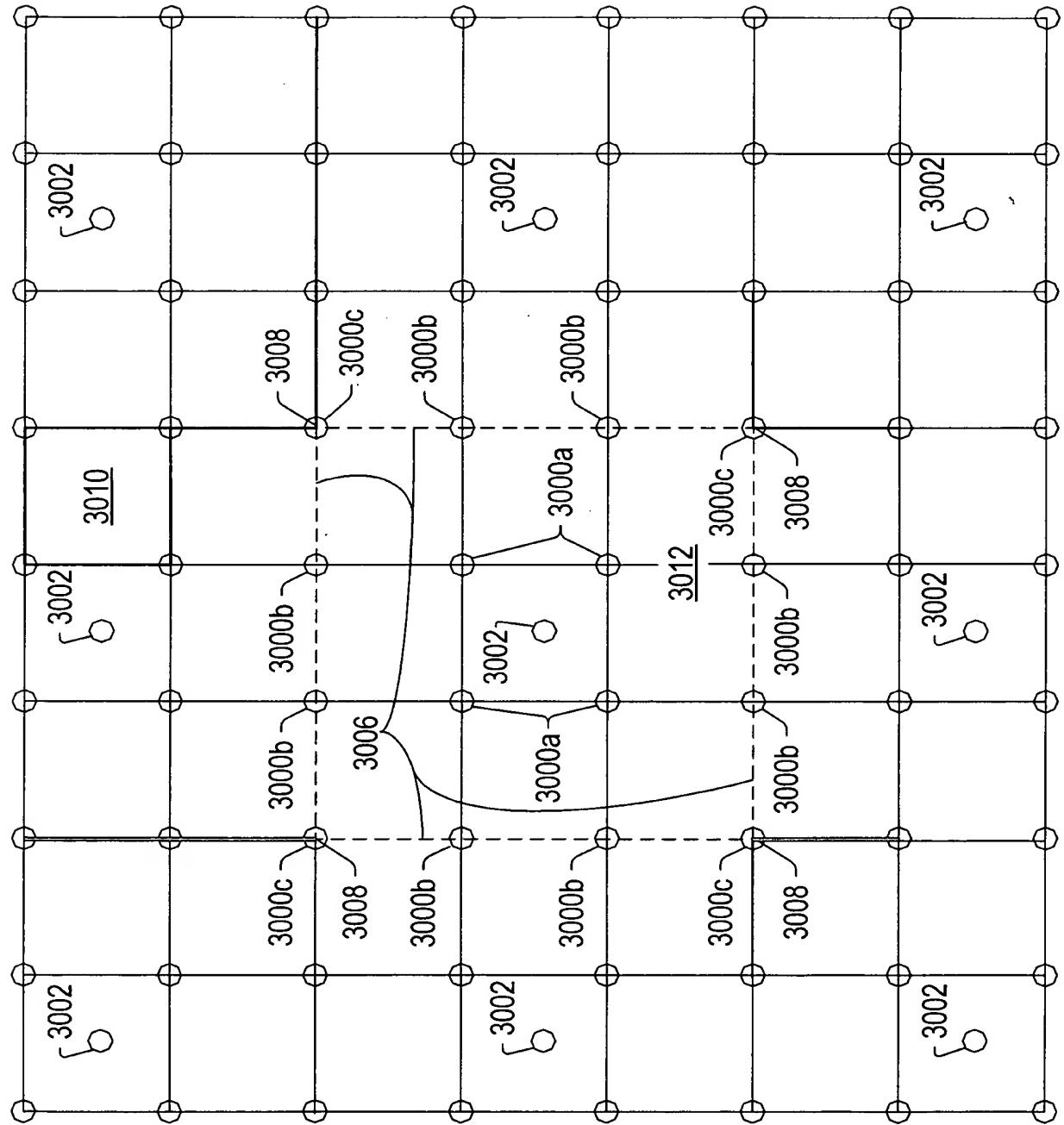


FIG. 61

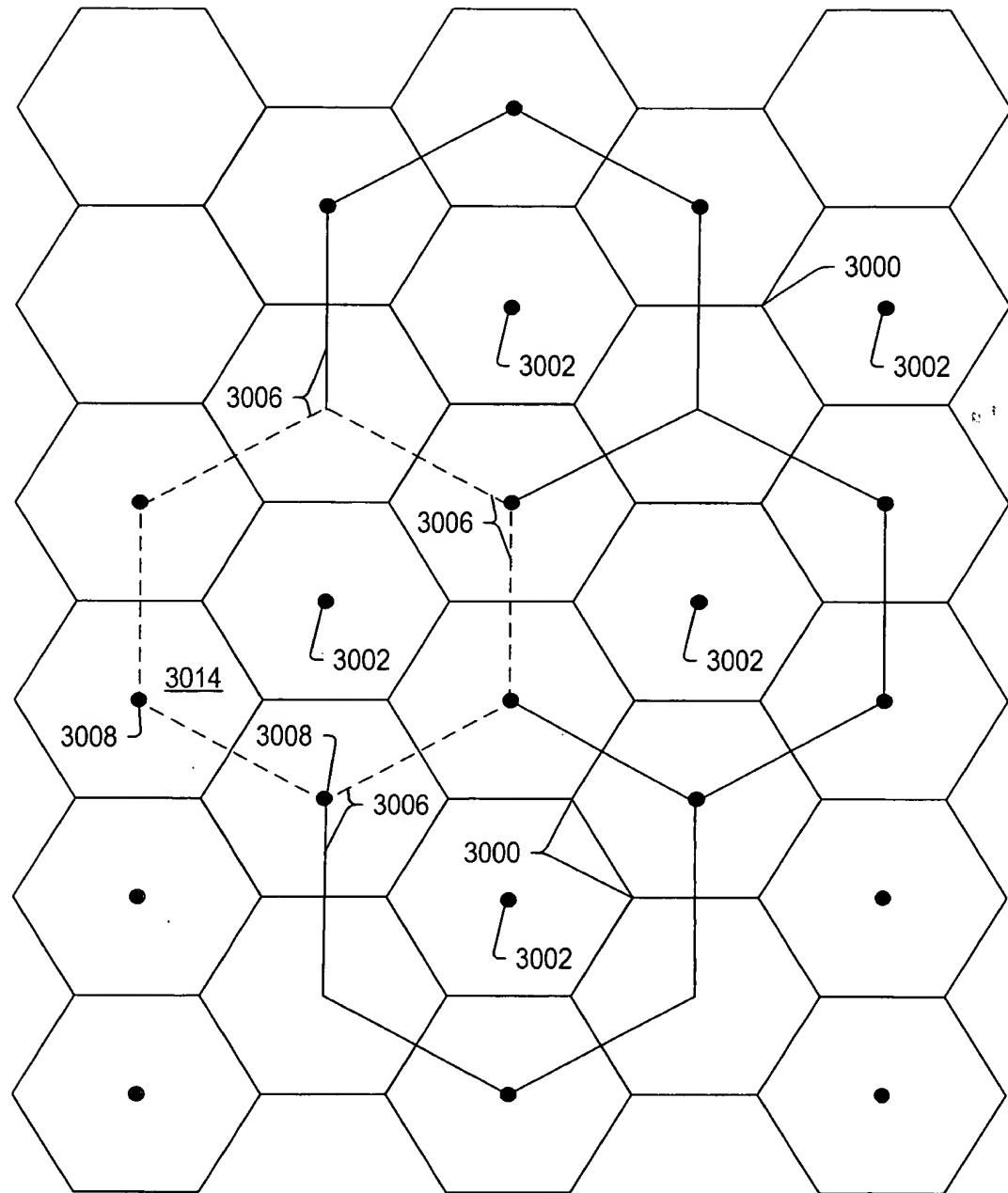


FIG. 62

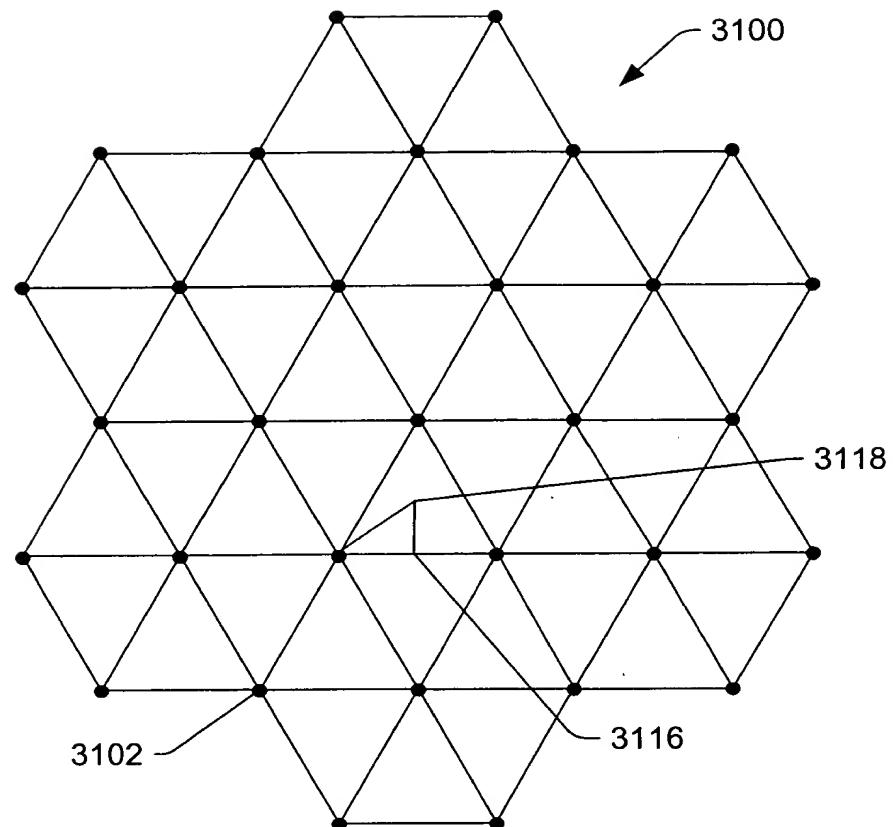


FIG. 63

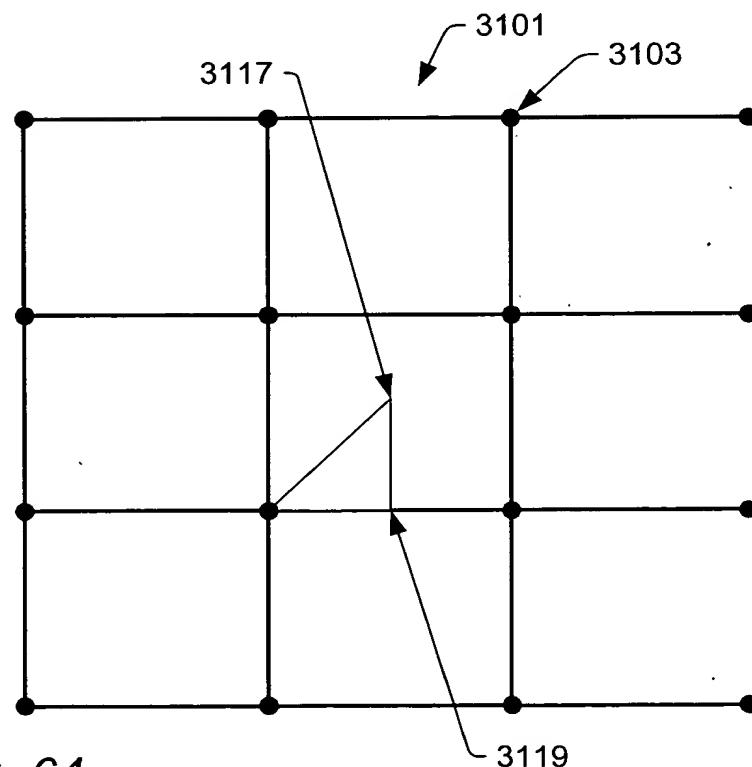


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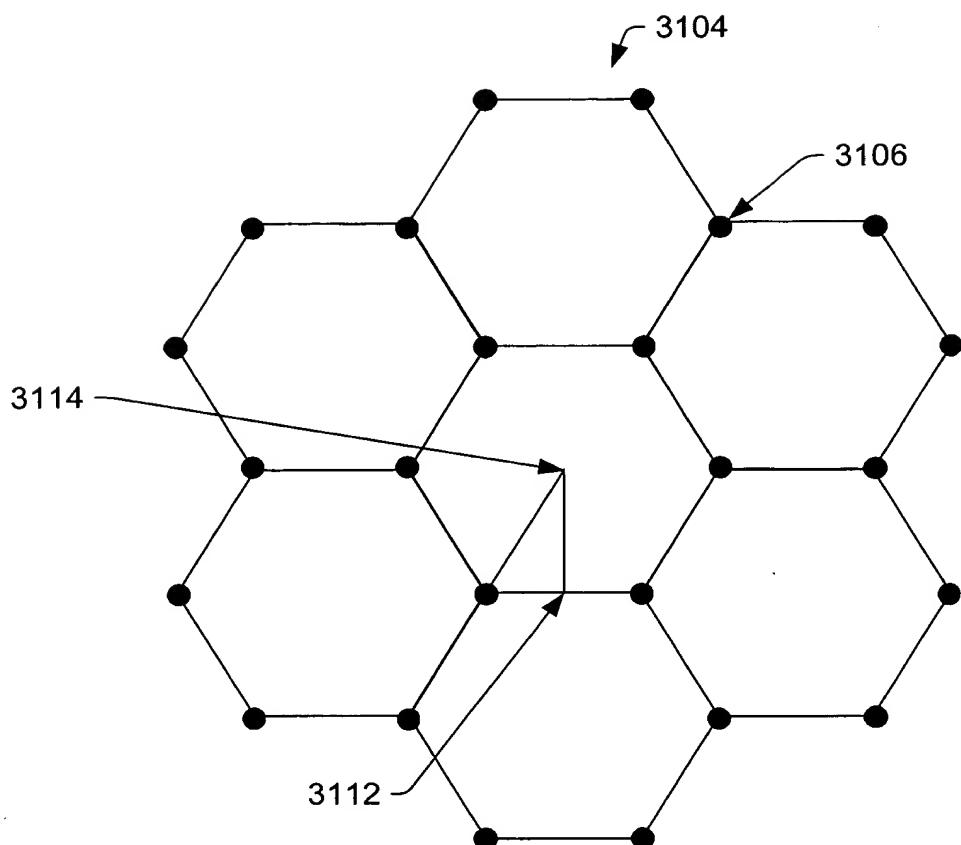


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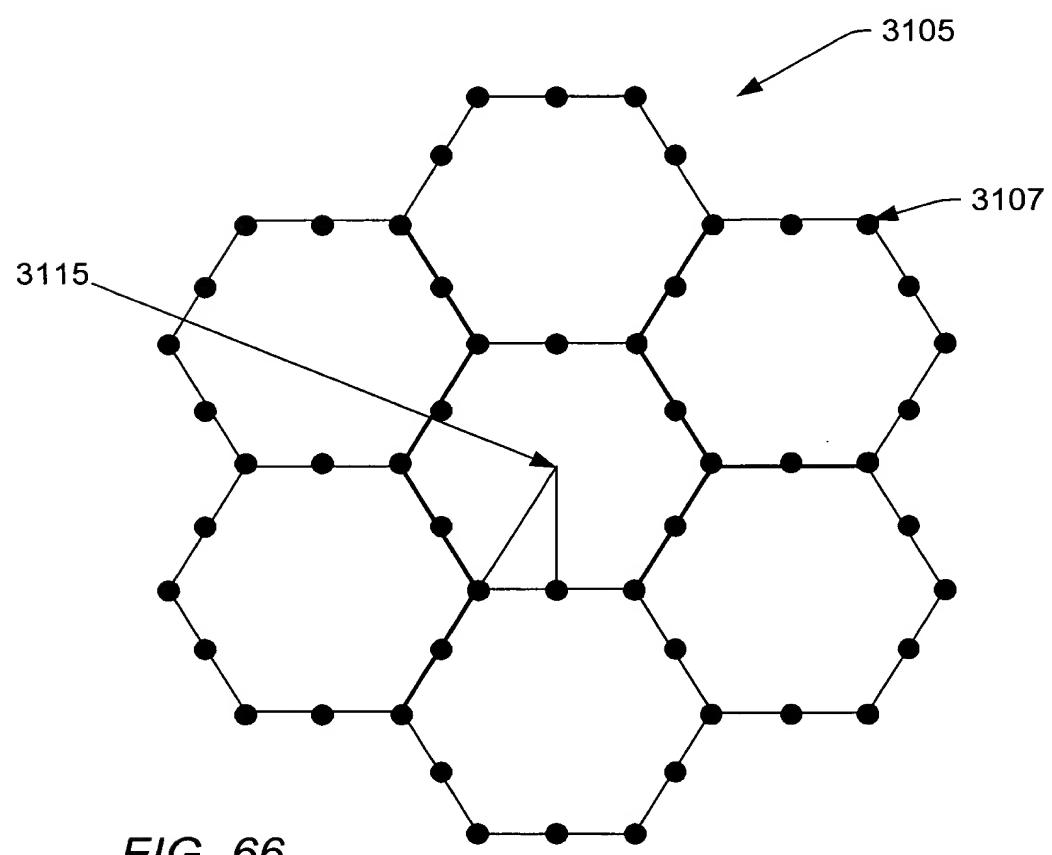


FIG. 66

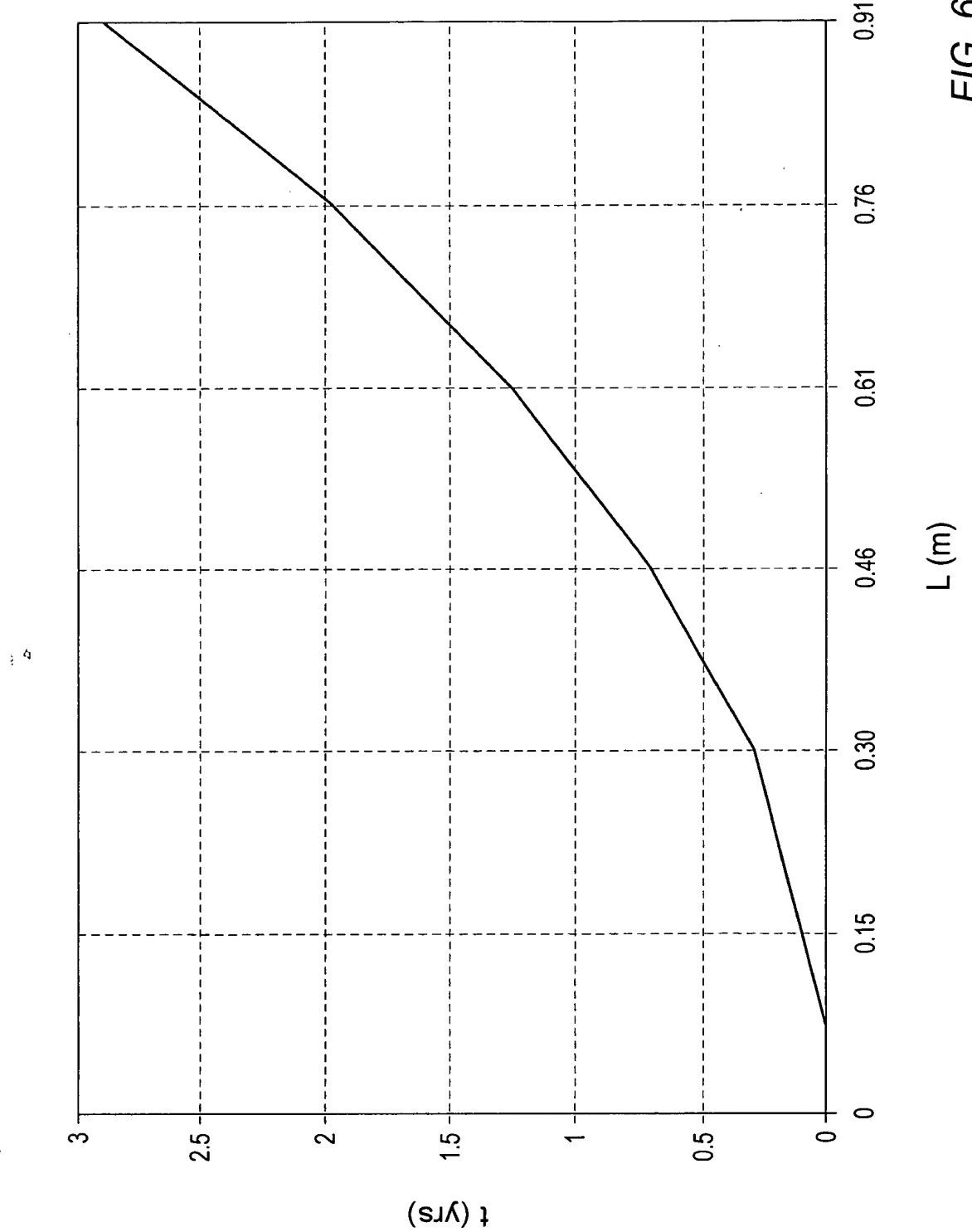


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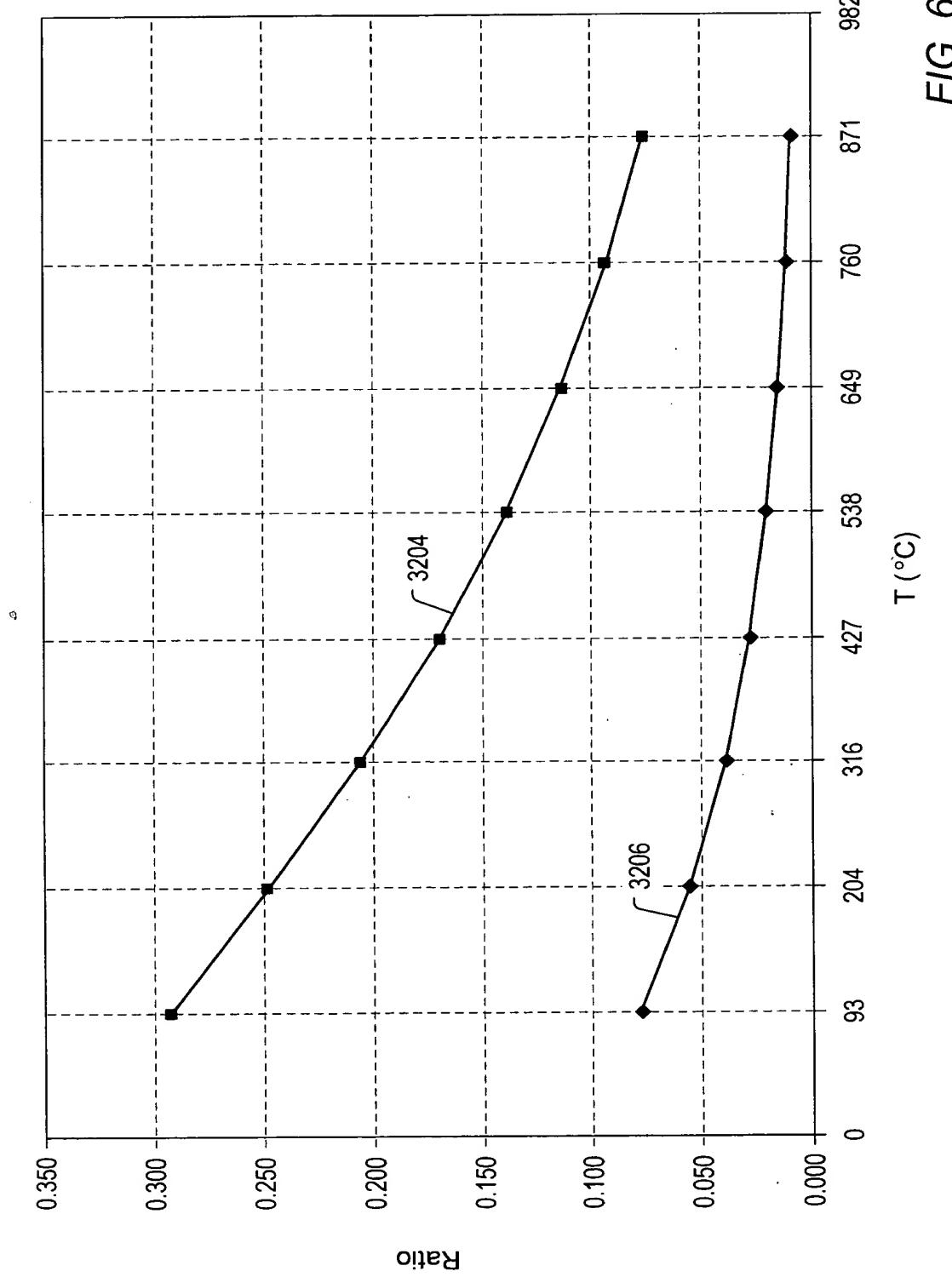
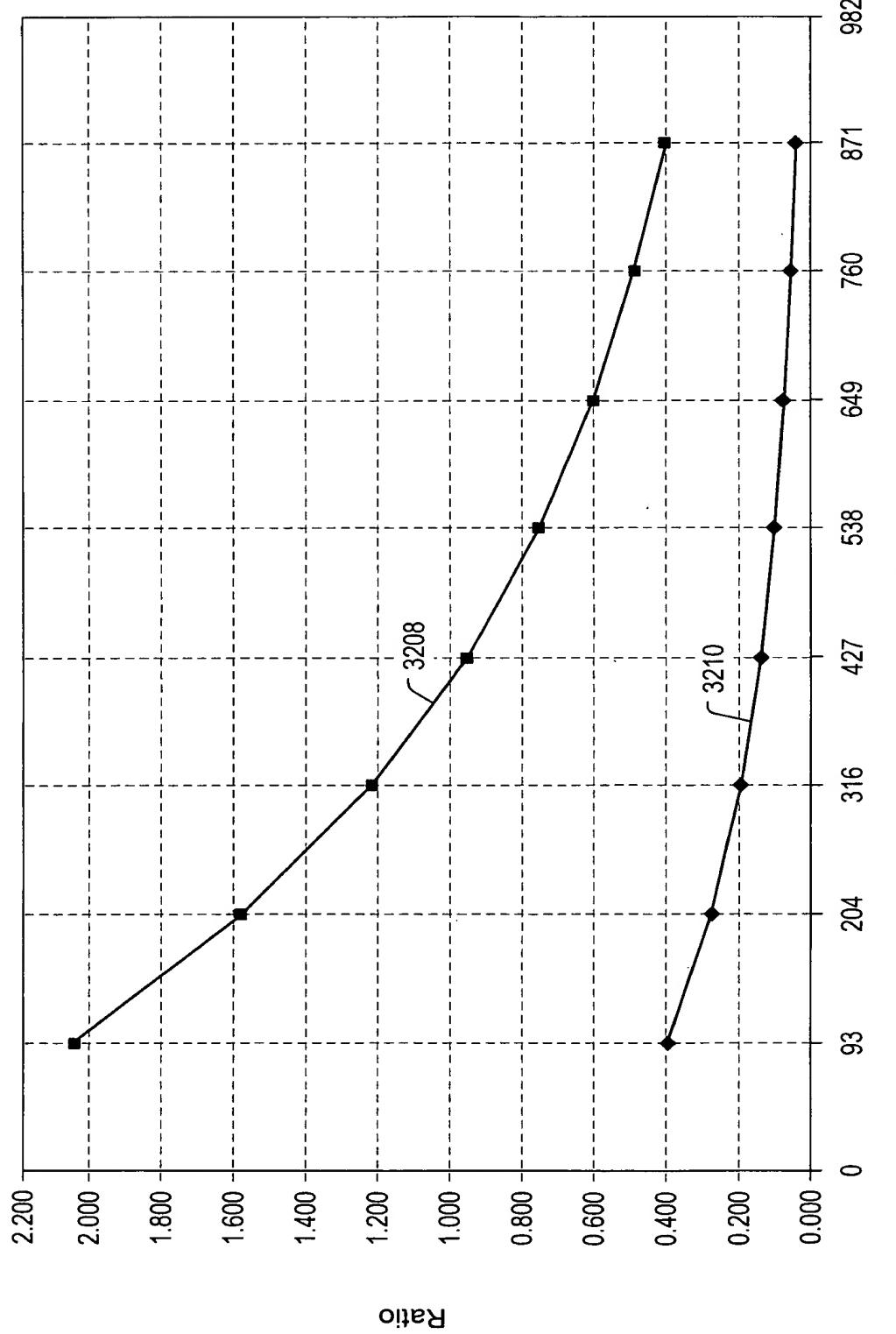


FIG. 68



F/G. 69

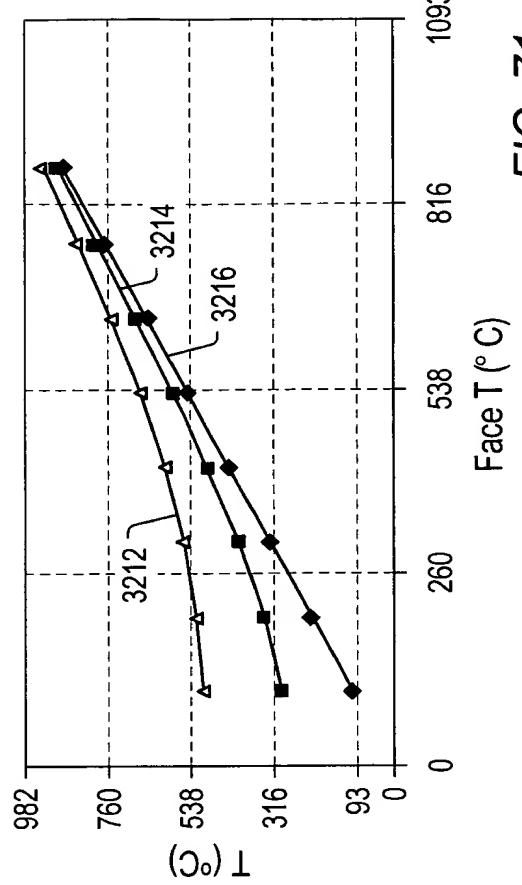
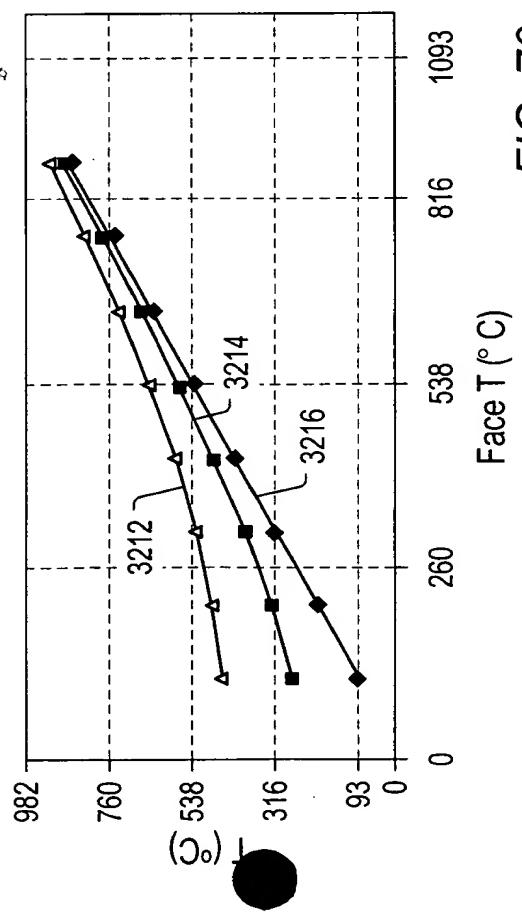


FIG. 71

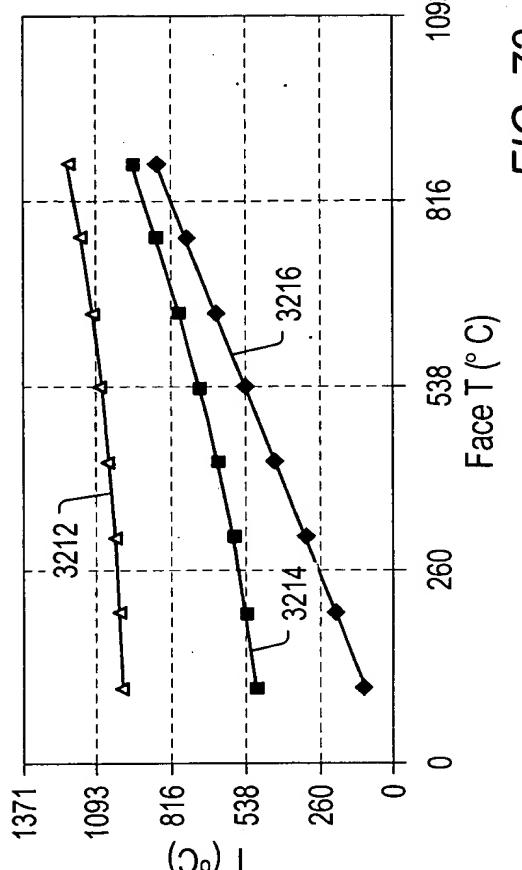
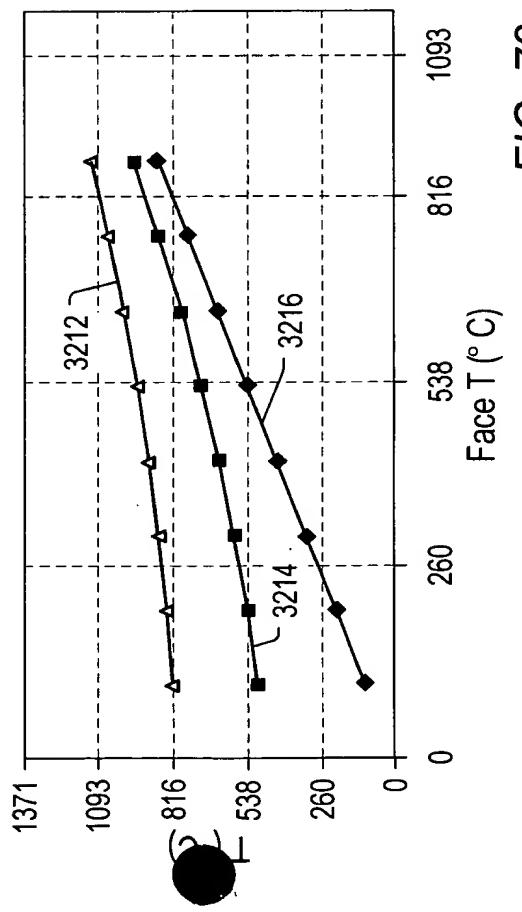


FIG. 73

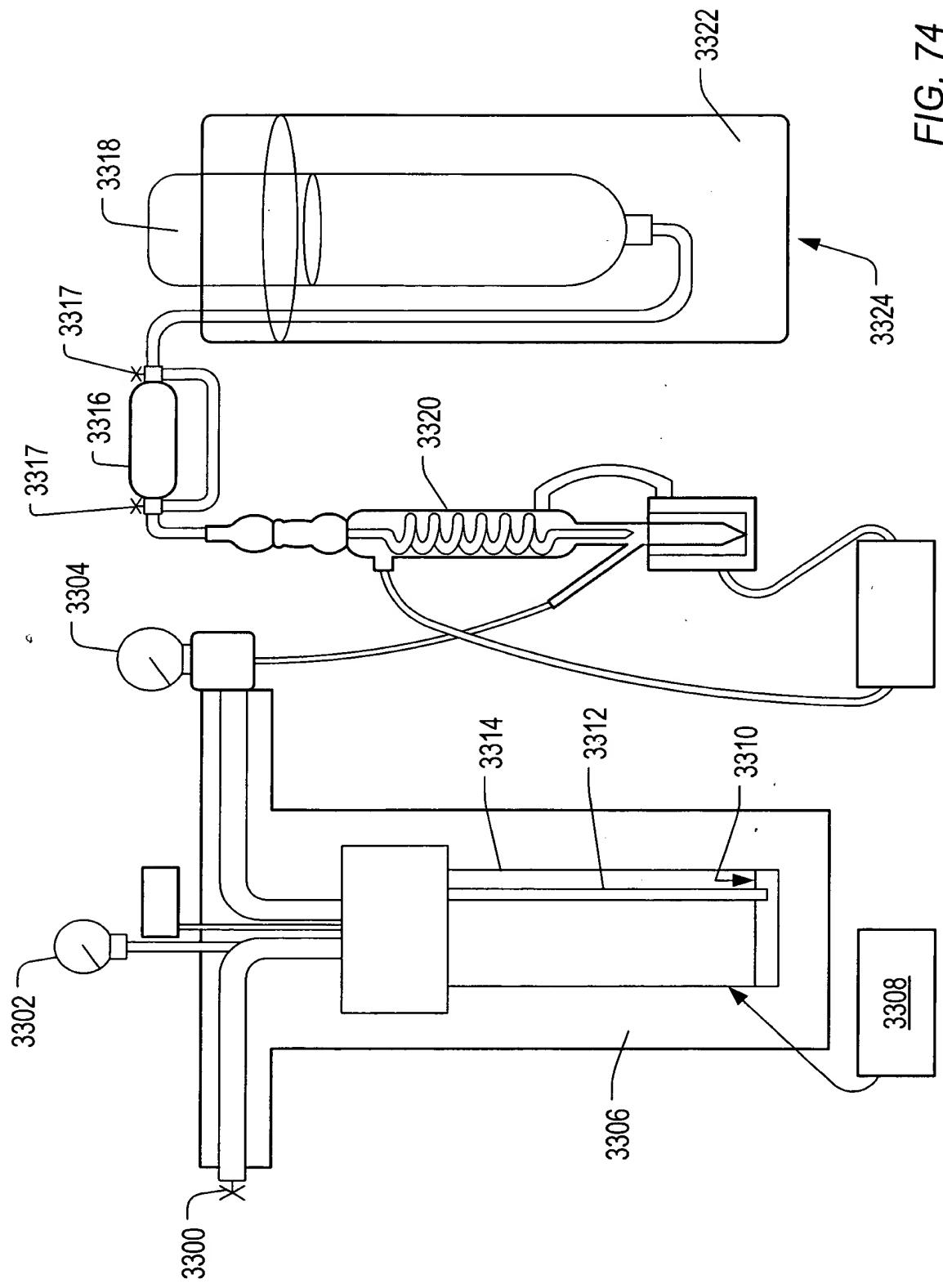


FIG. 74

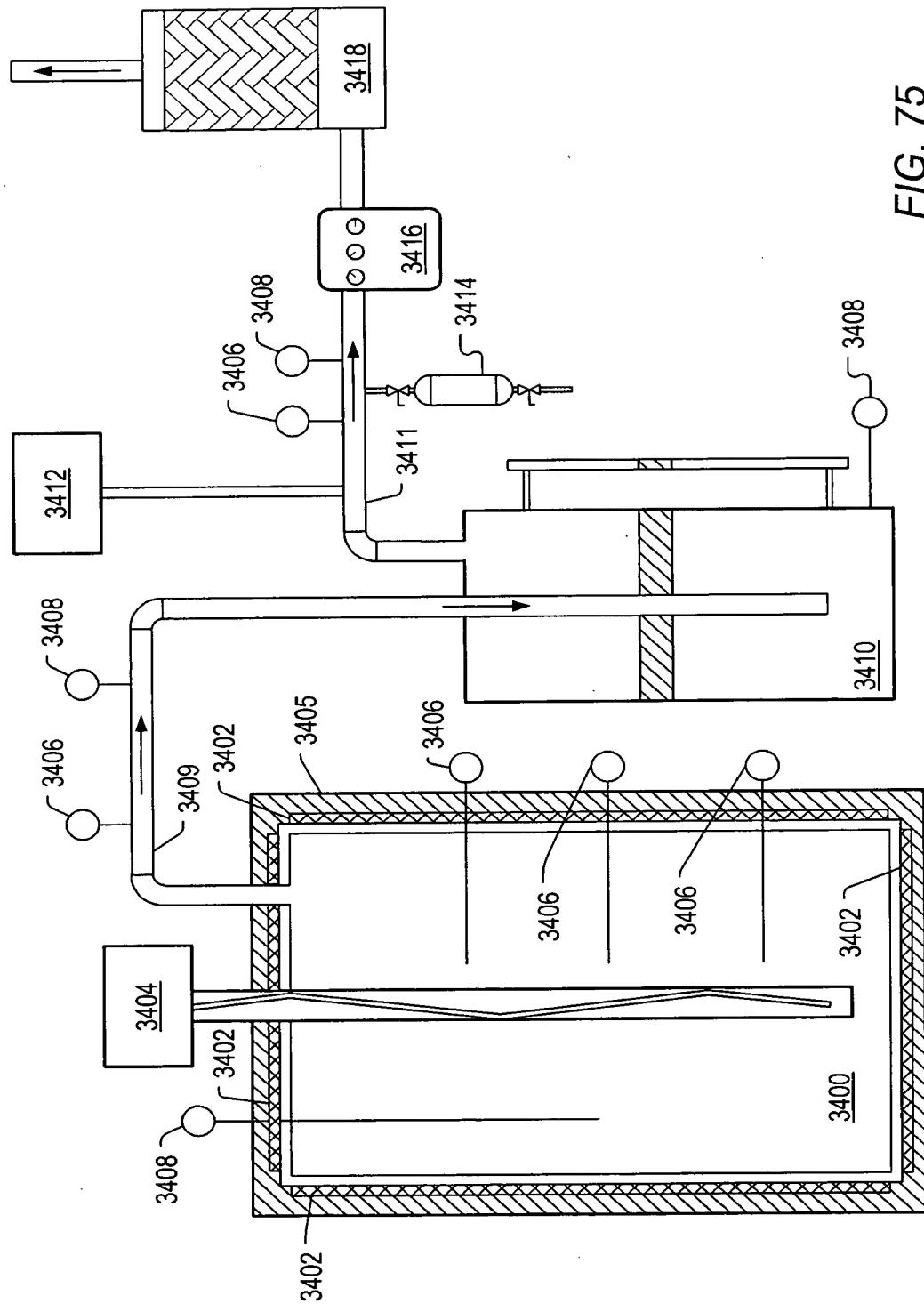


FIG. 75

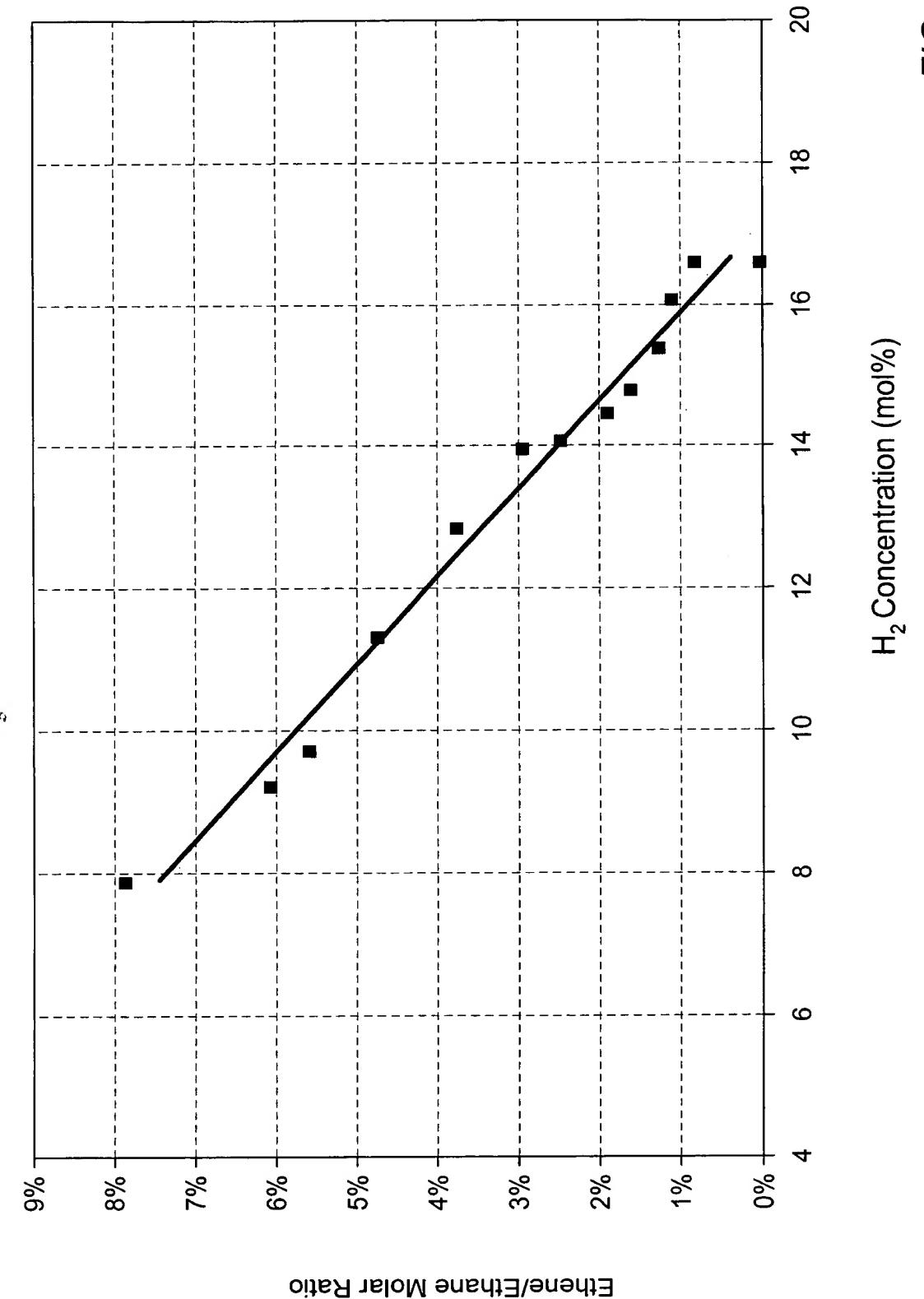


FIG. 76

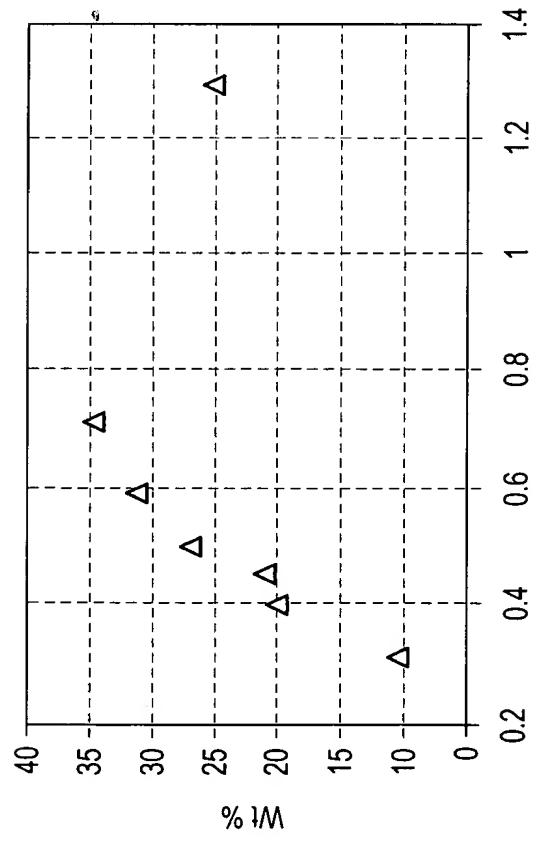


FIG. 77

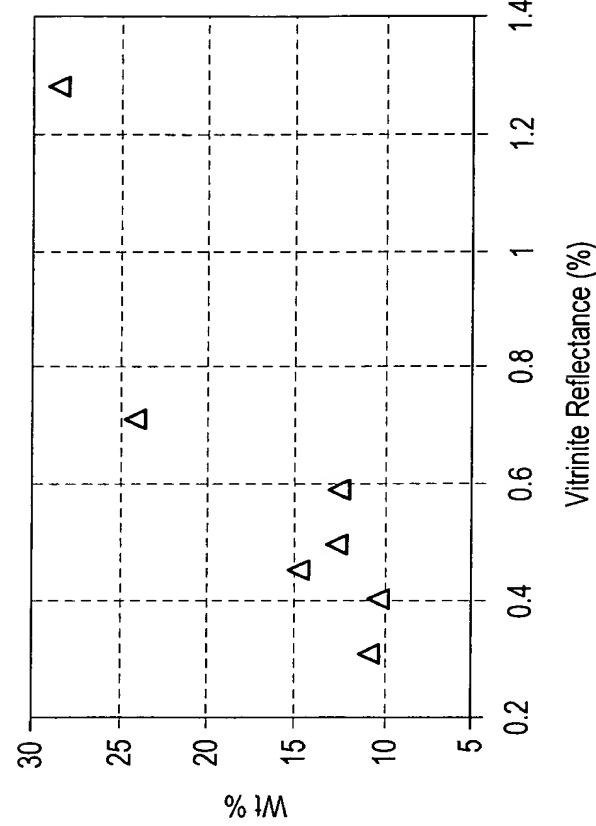


FIG. 78

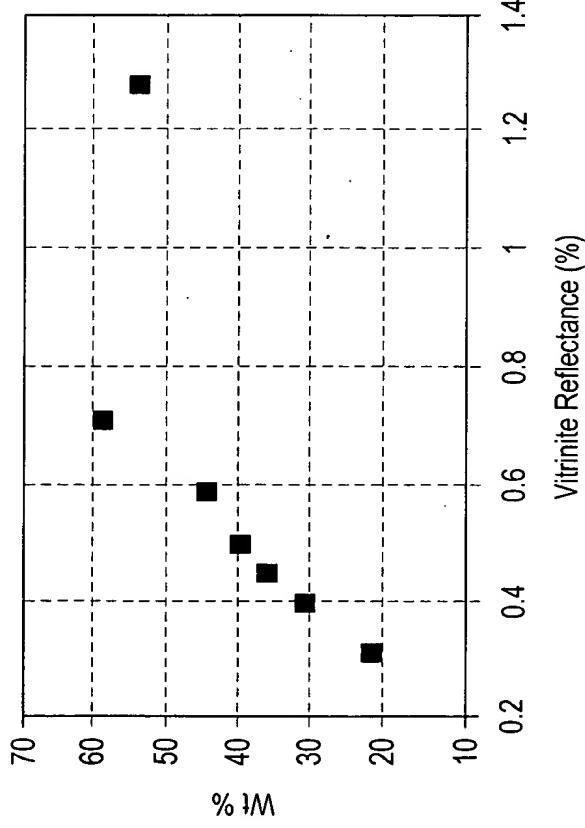


FIG. 79

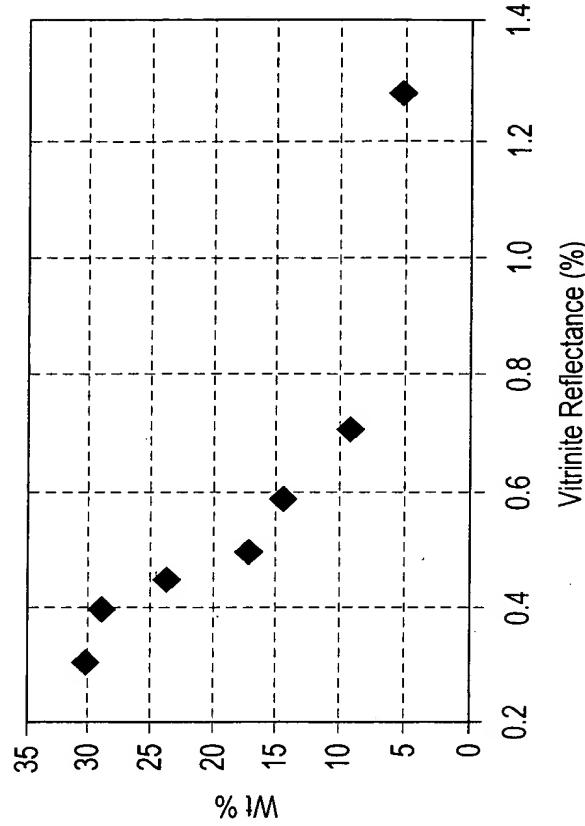


FIG. 80

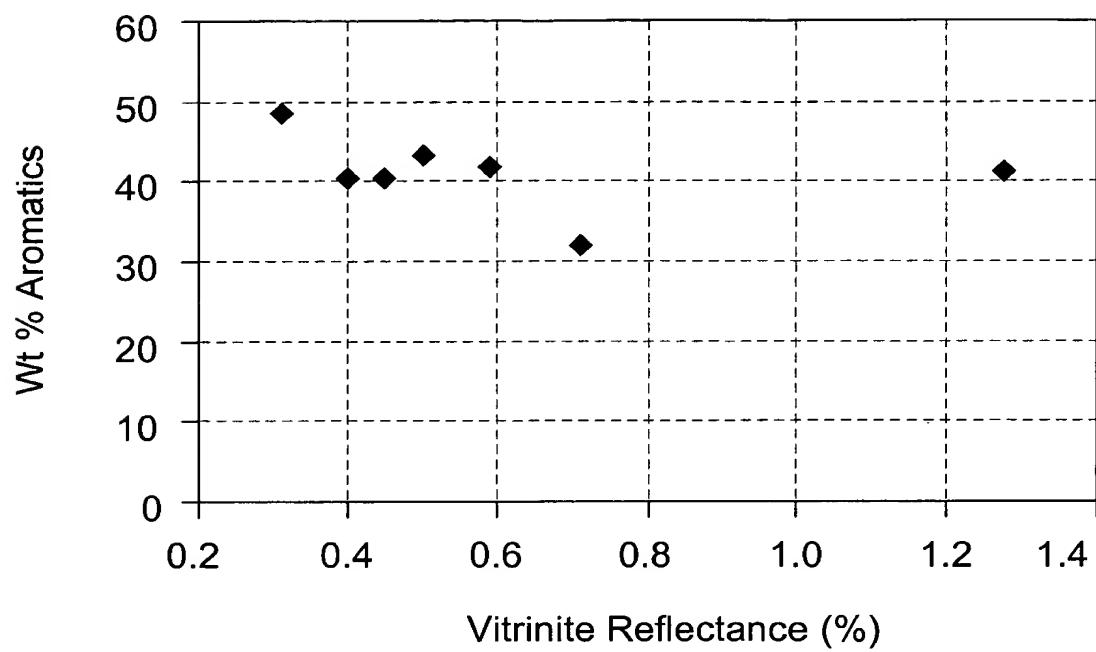


FIG. 81

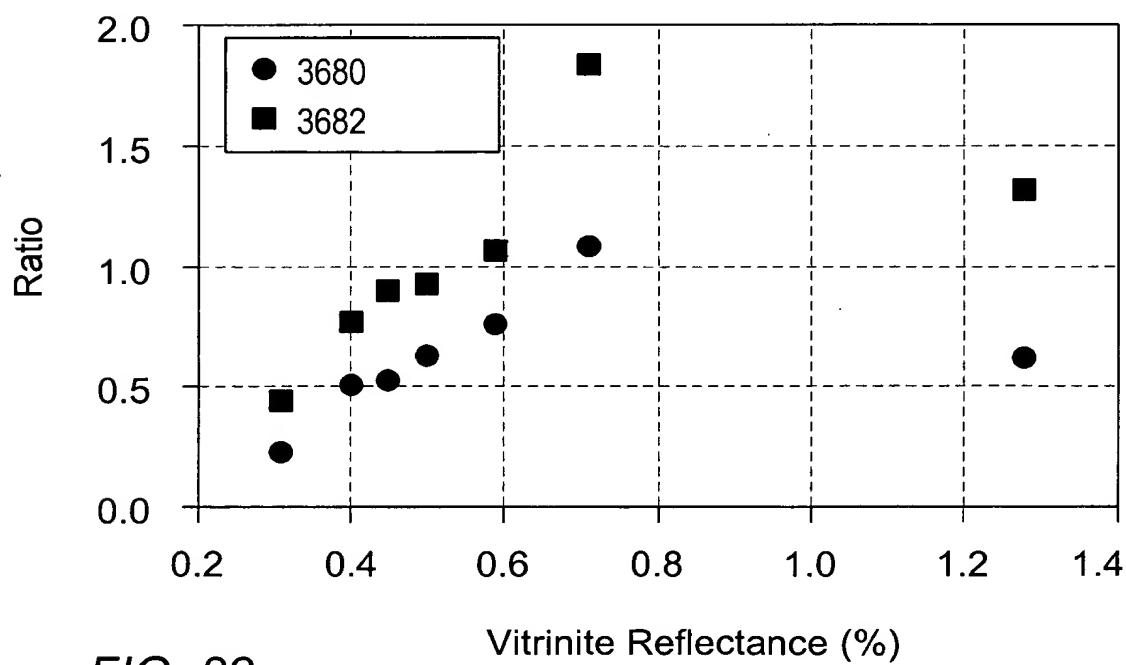


FIG. 82

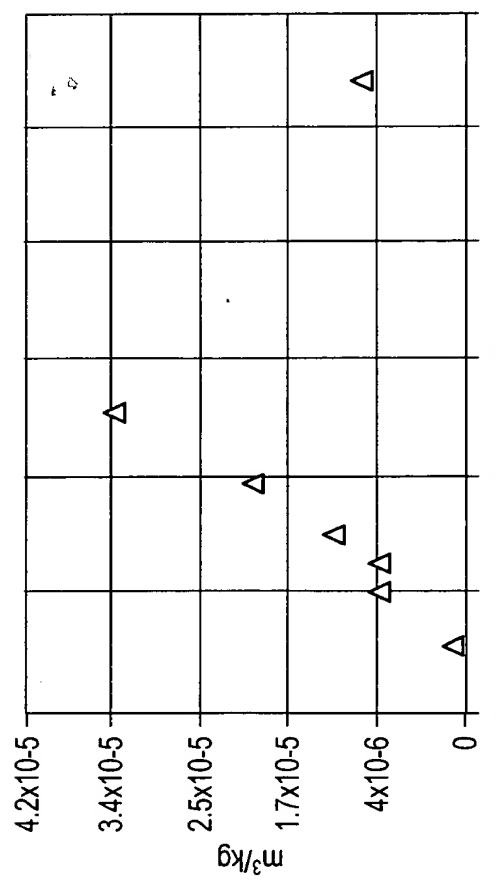


FIG. 83

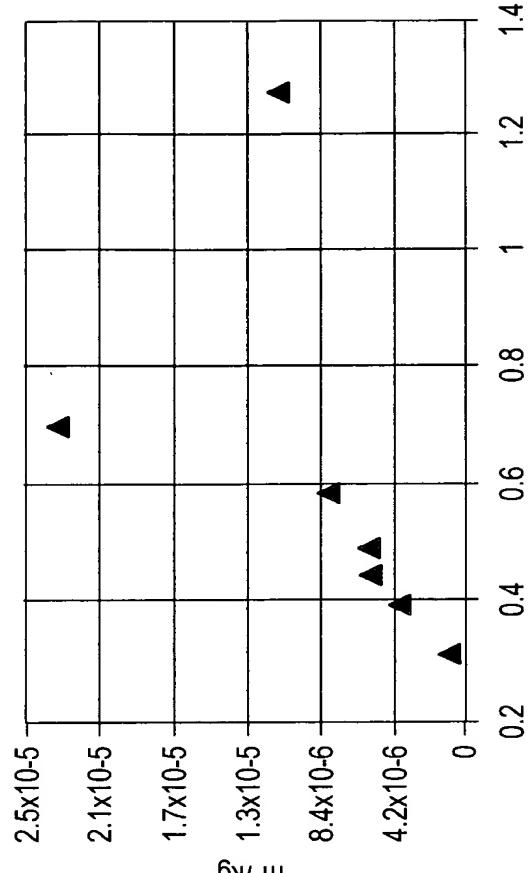


FIG. 84

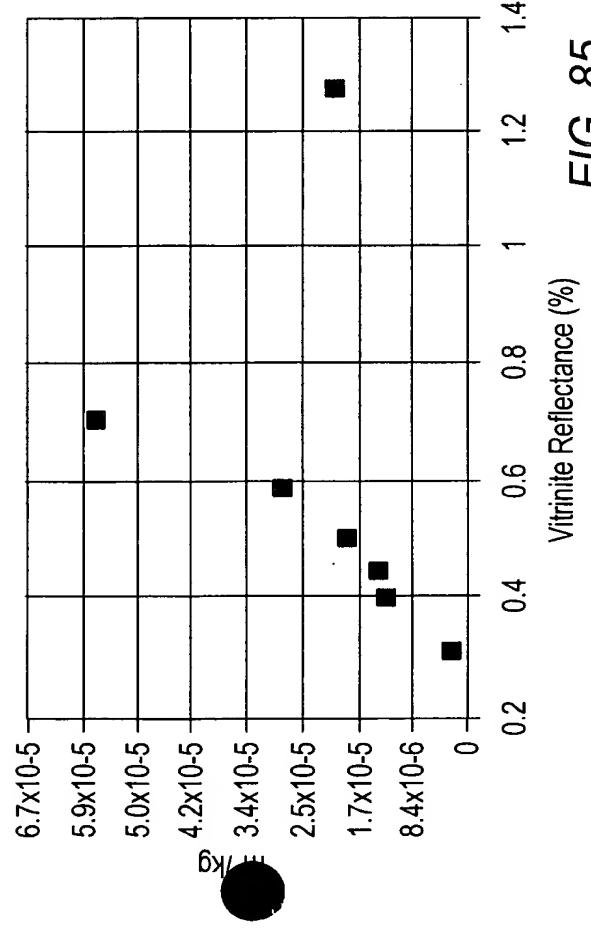


FIG. 85

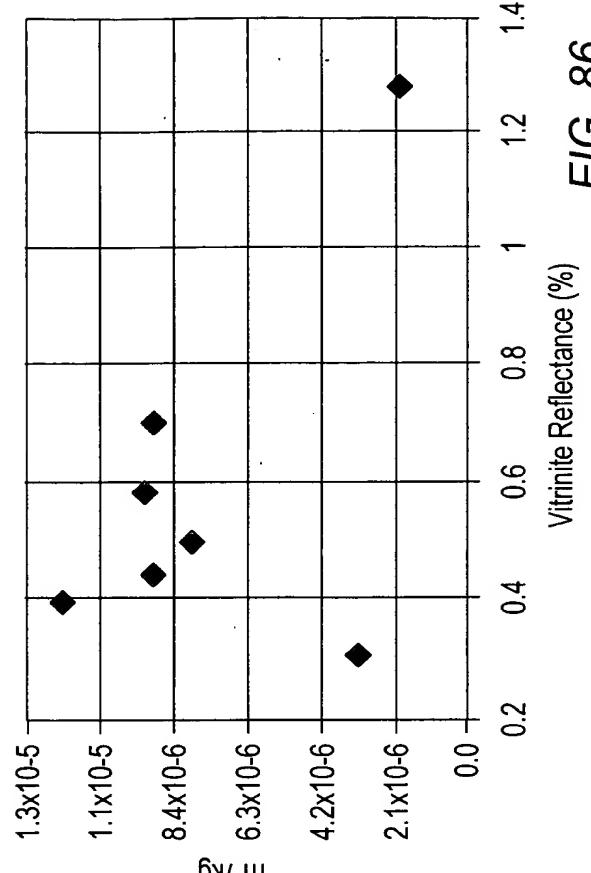


FIG. 86

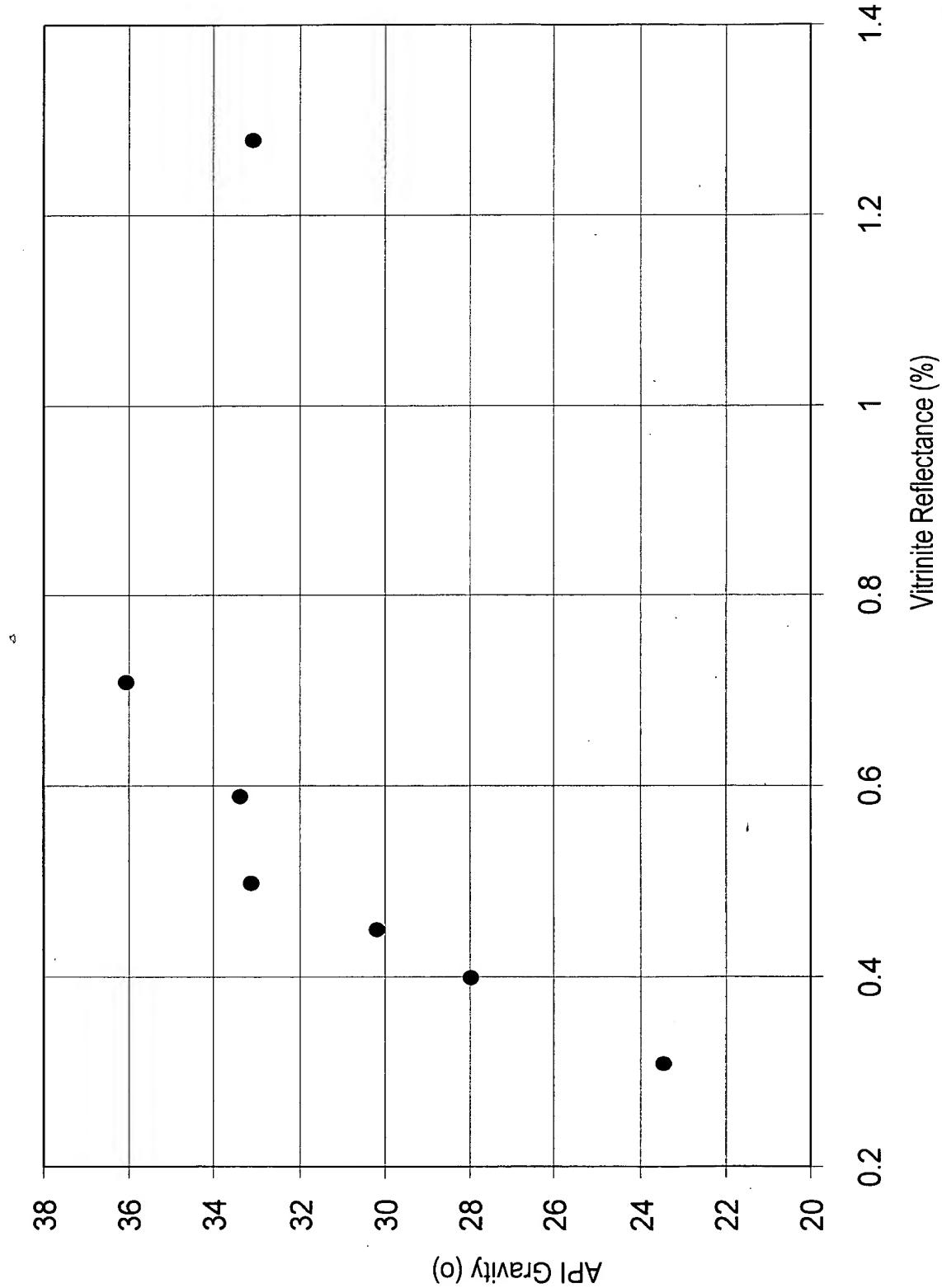


FIG. 87

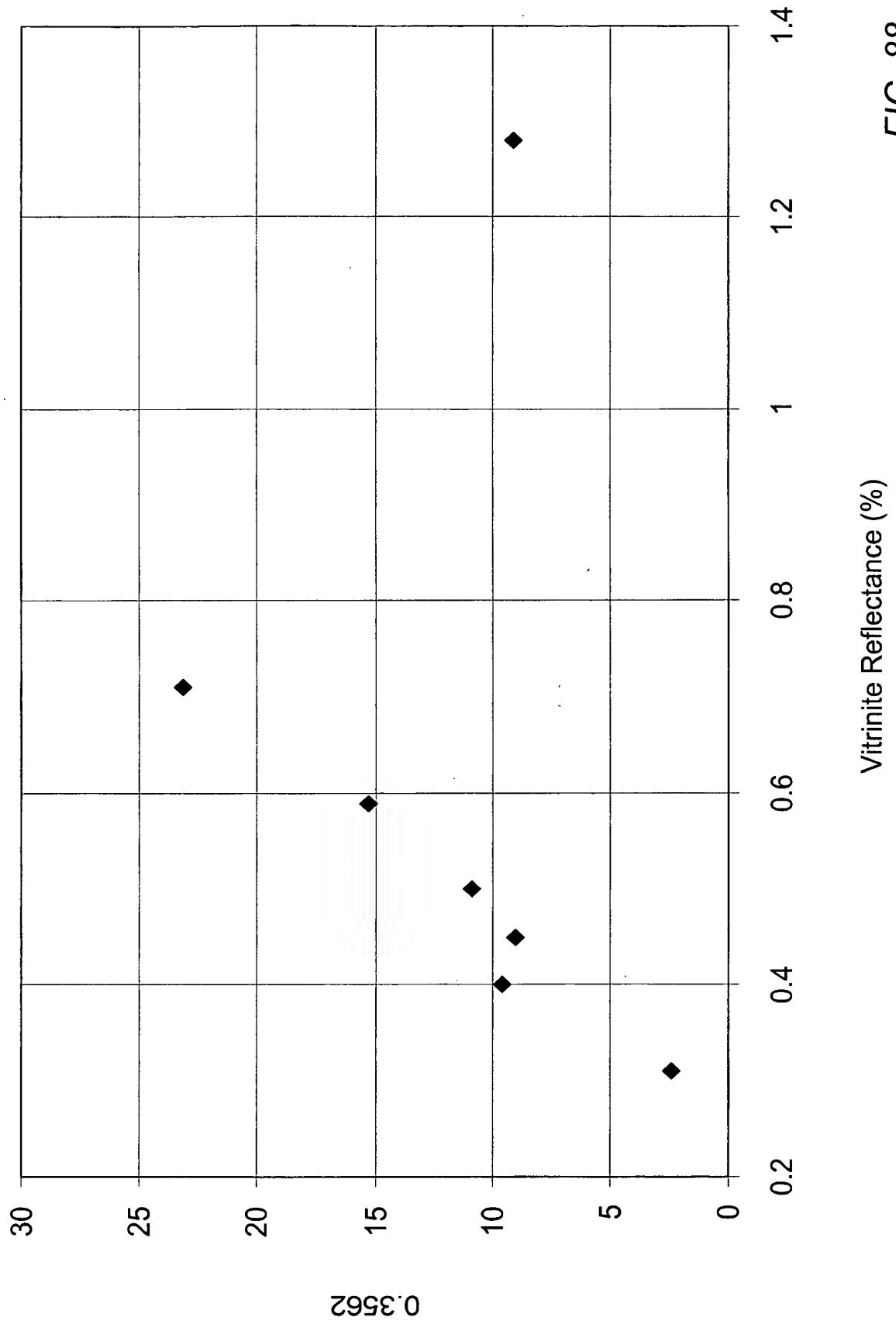


FIG. 88
Vitrinite Reflectance (%)

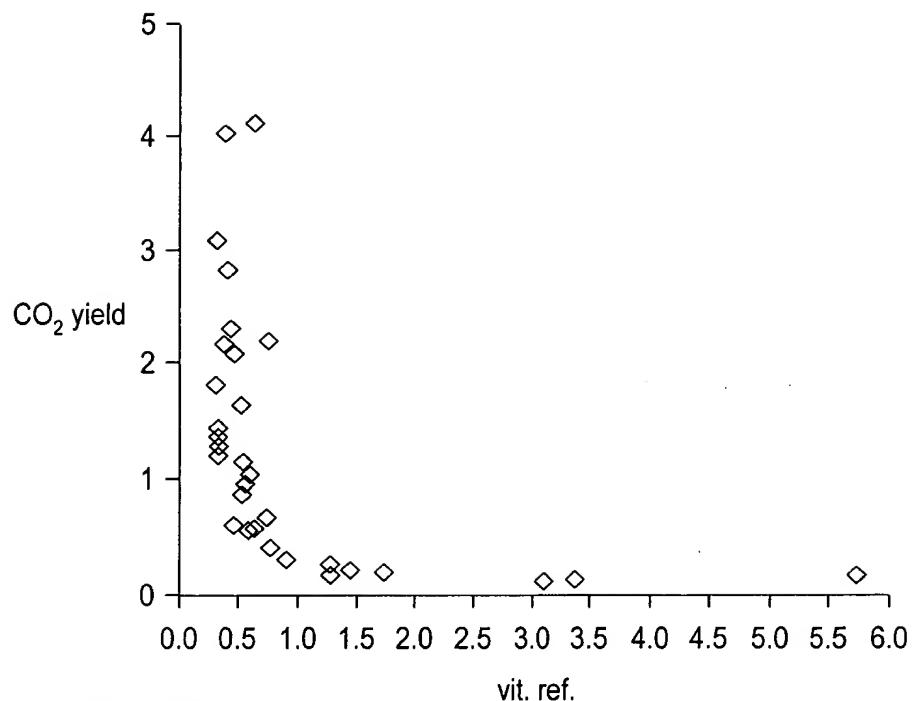


FIG. 89

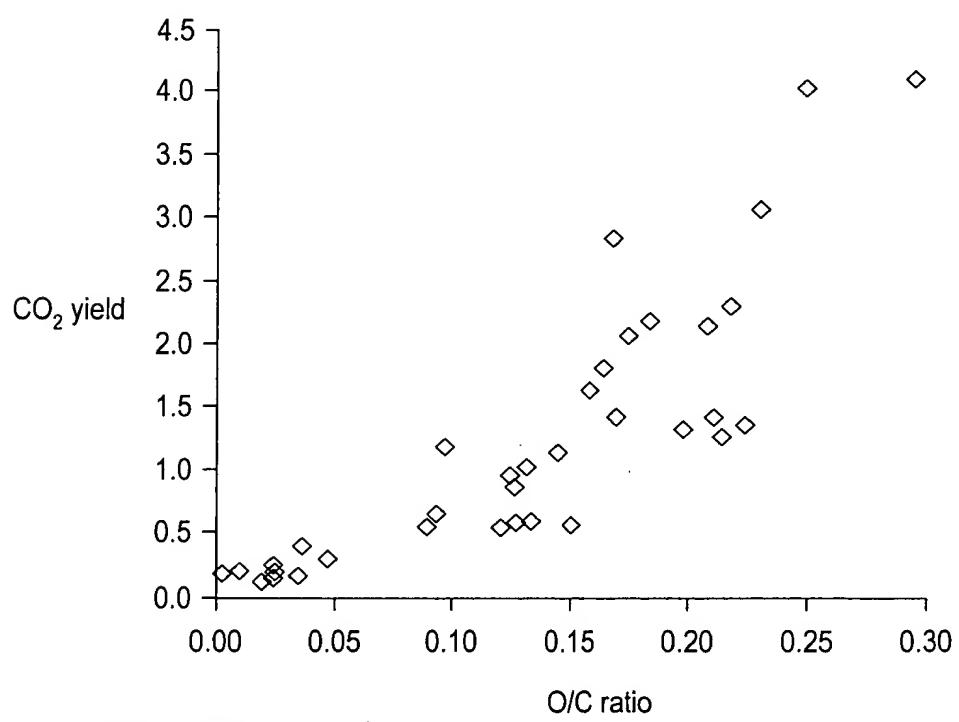


FIG. 90

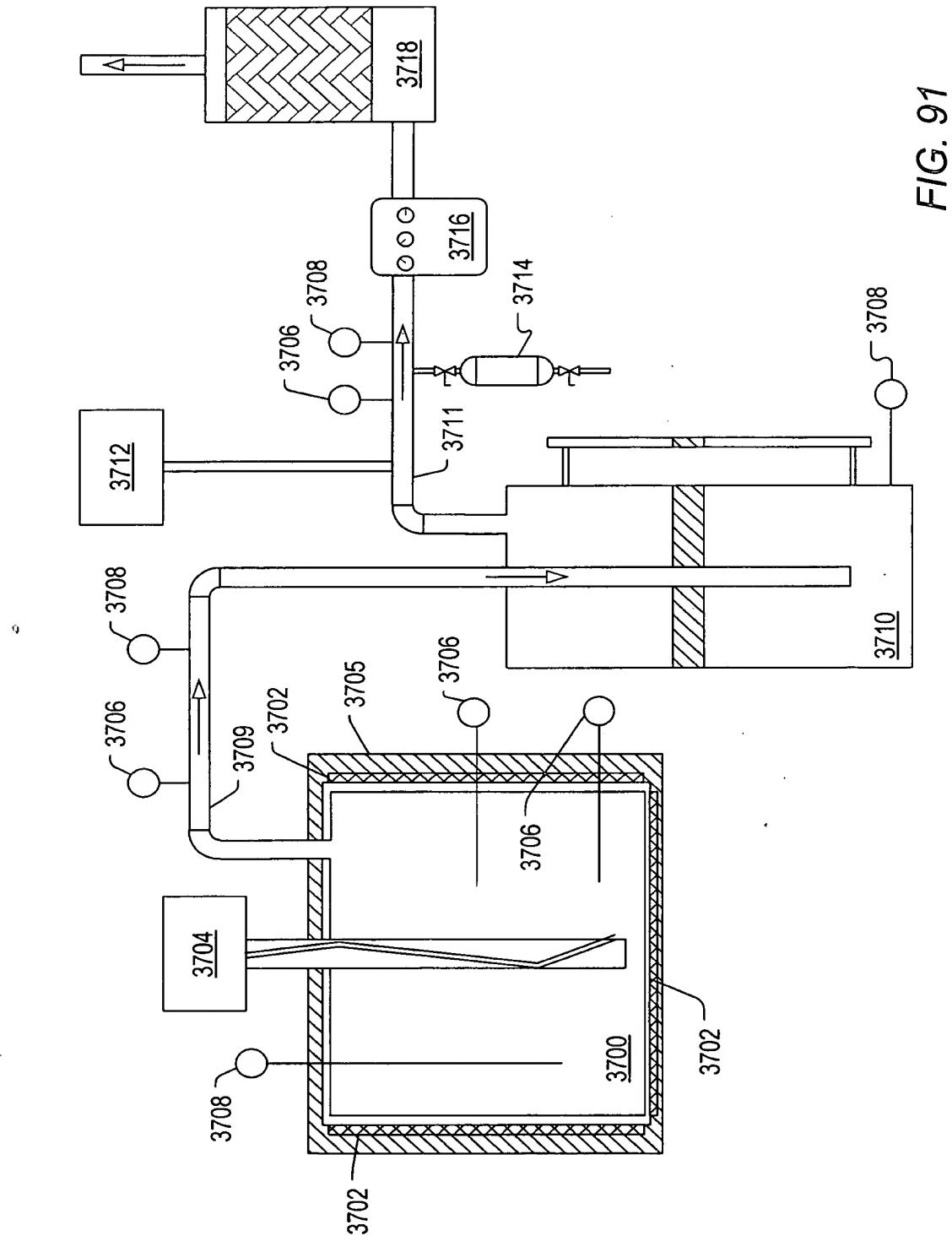


FIG. 91

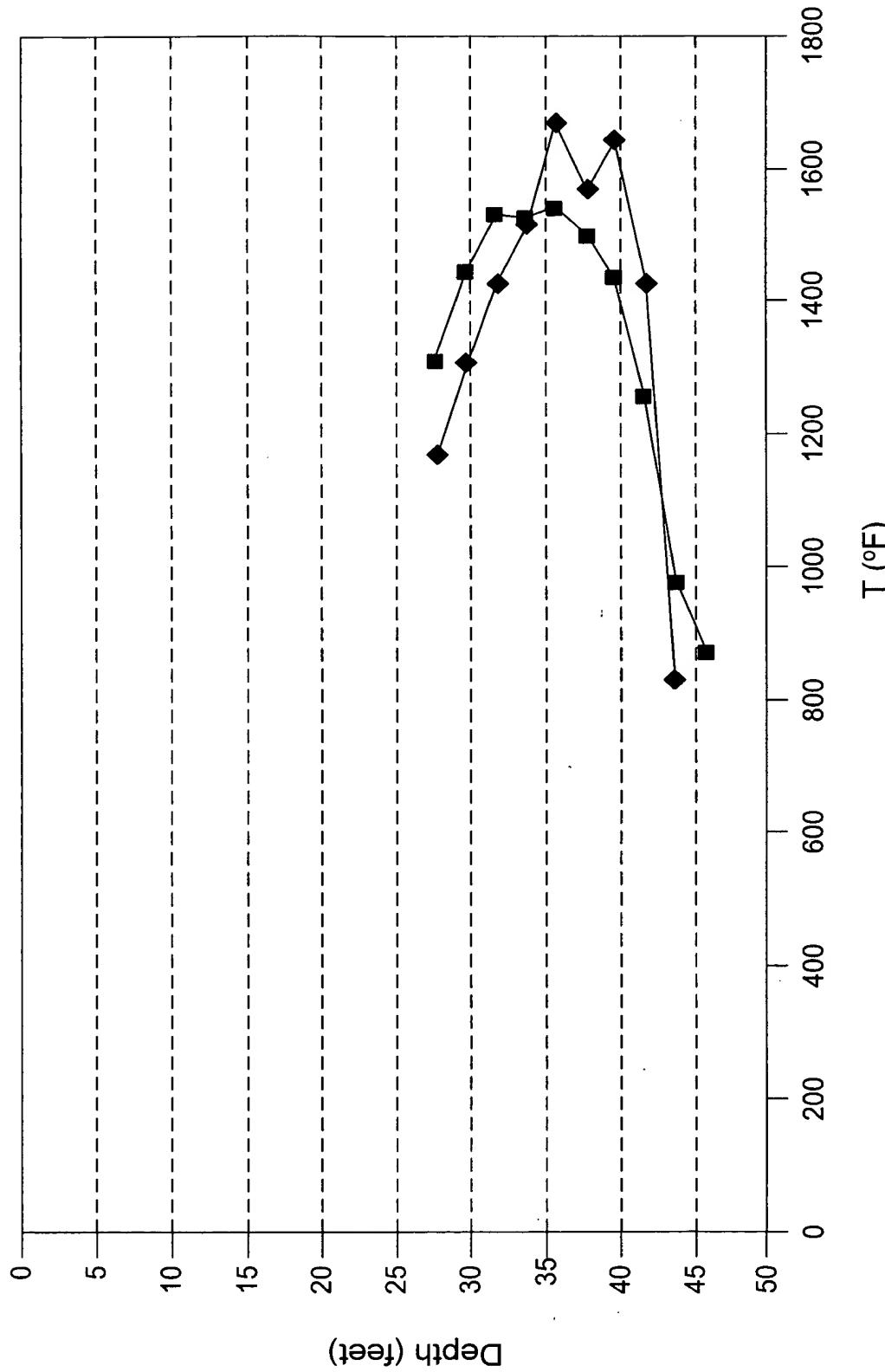


FIG. 92

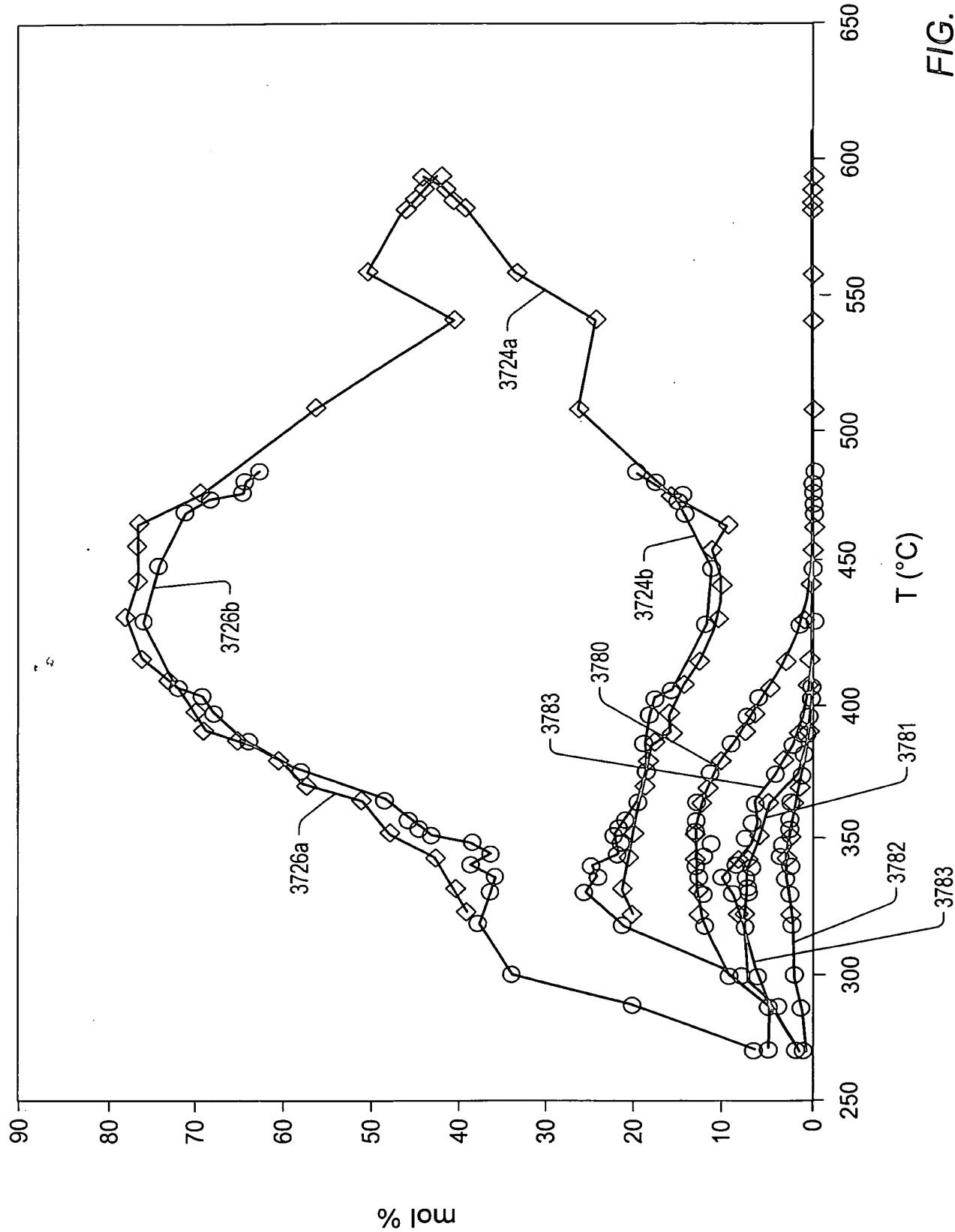


FIG. 93

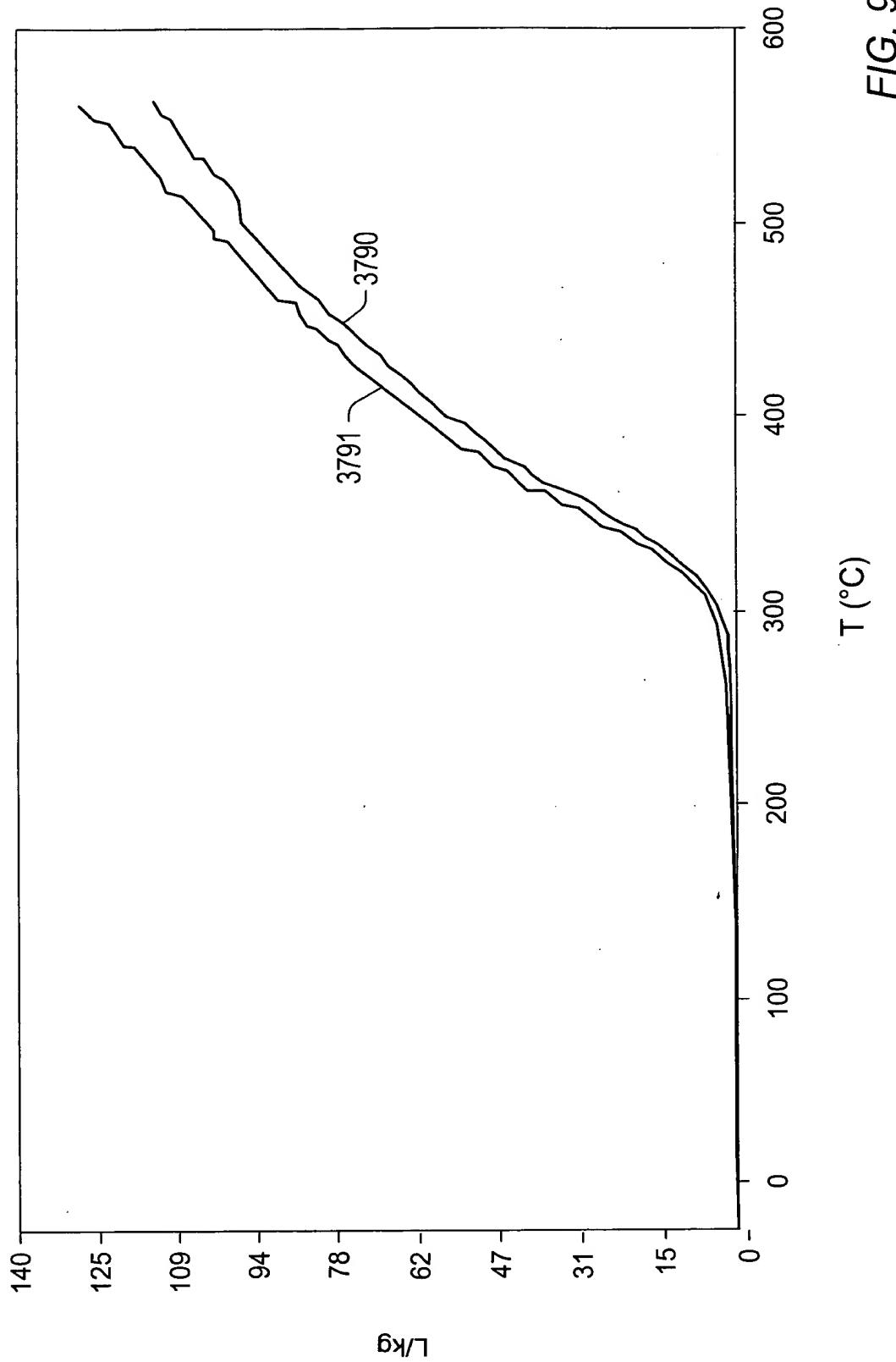


FIG. 94

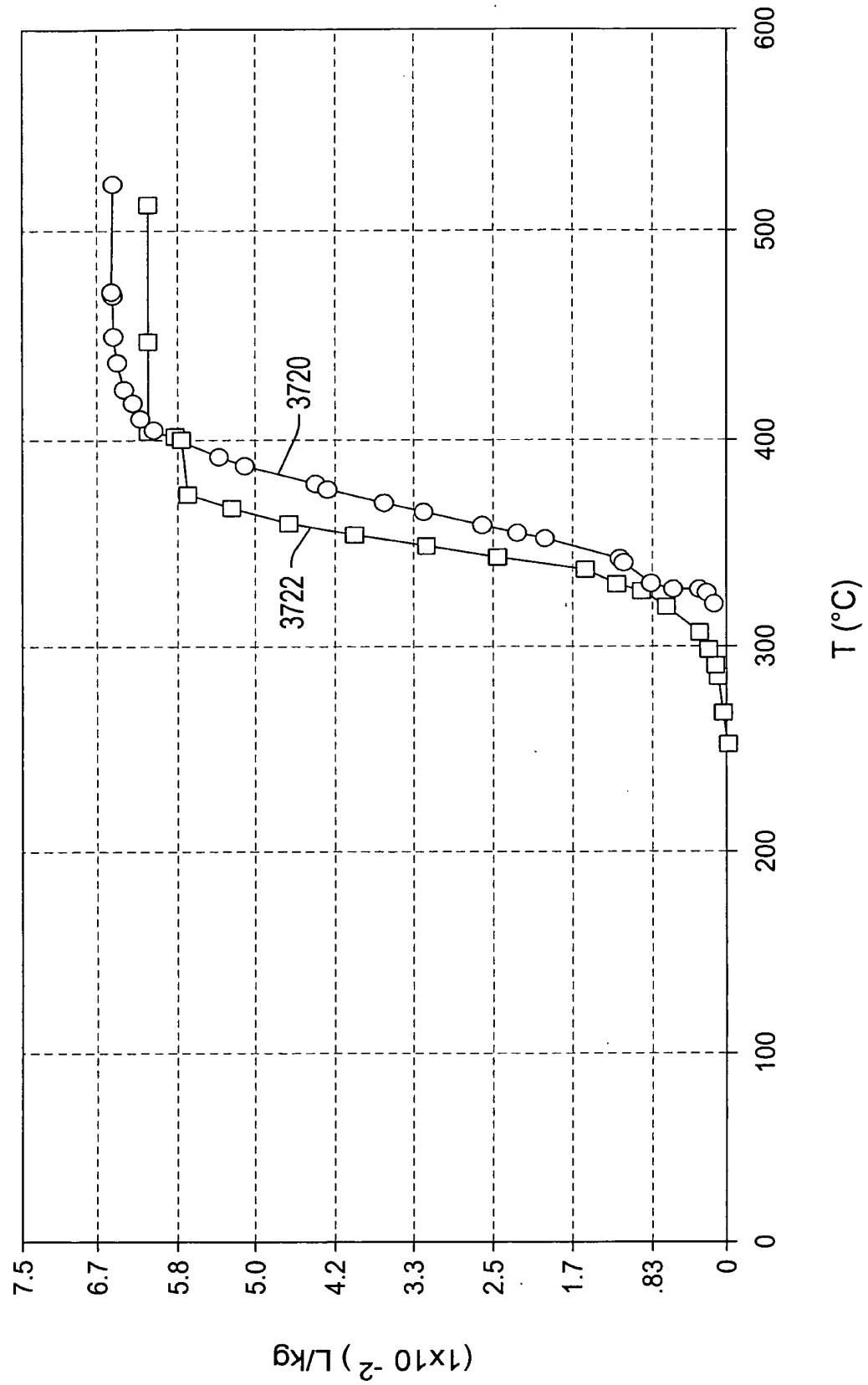


FIG. 95

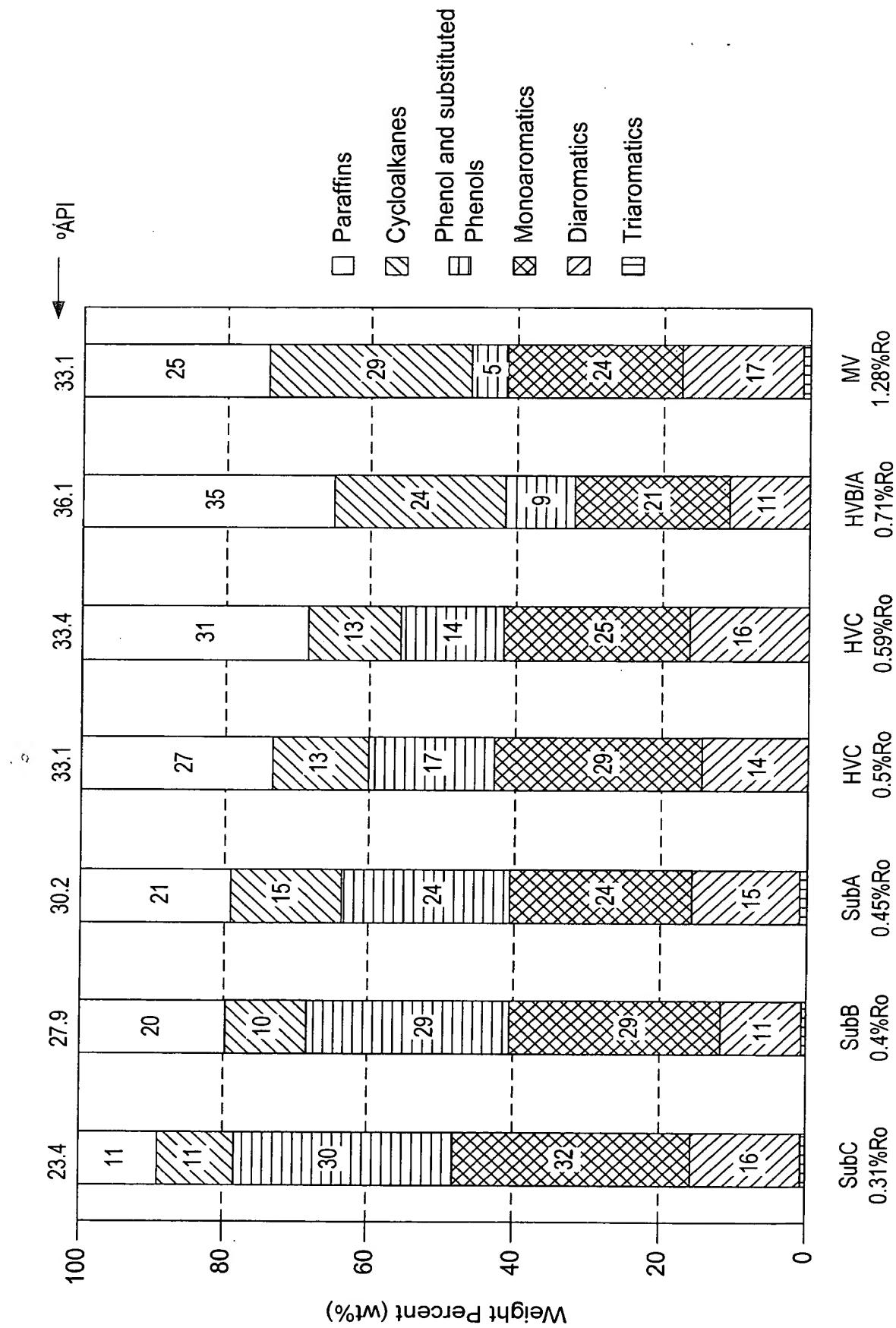


FIG. 96

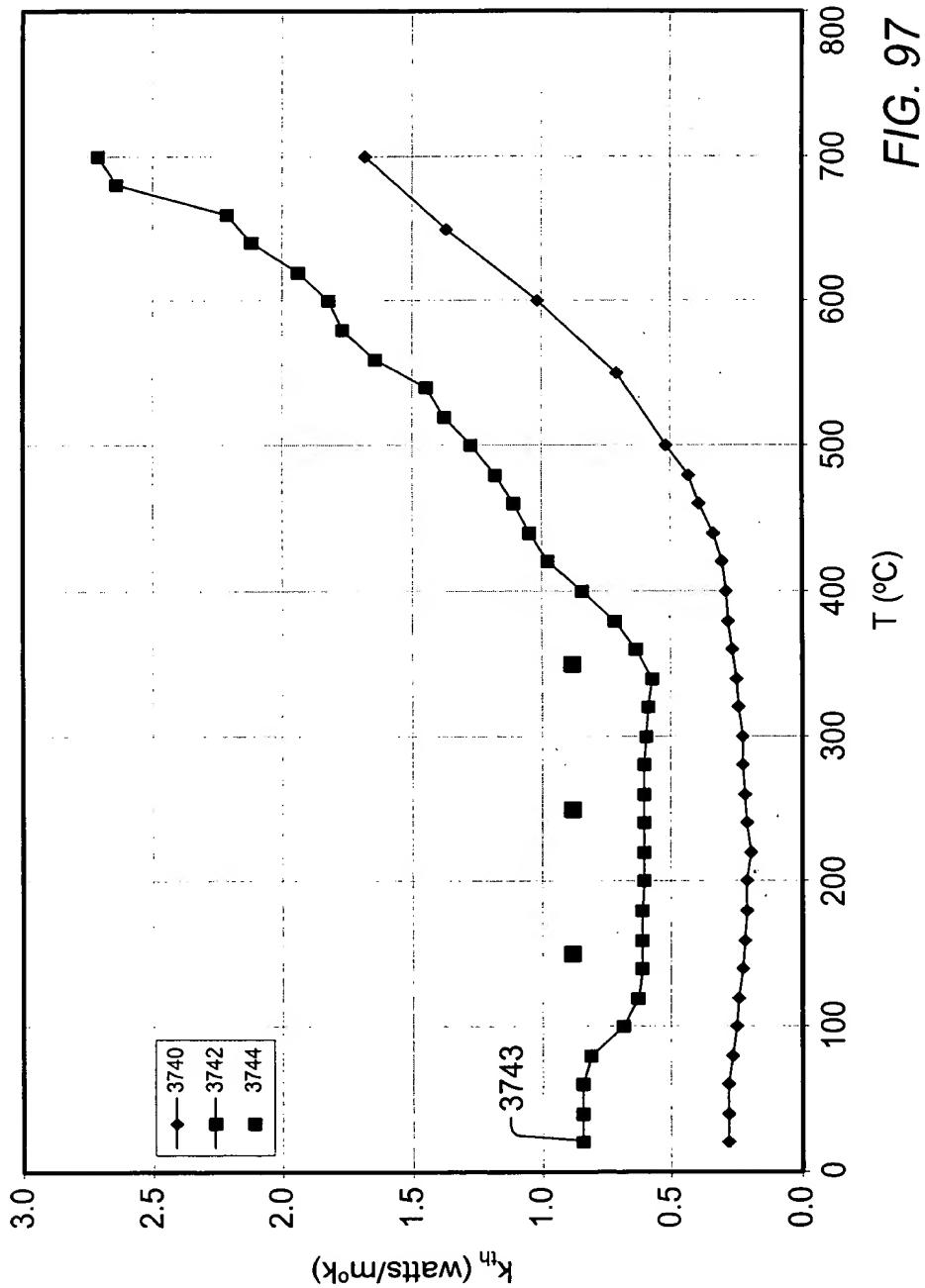


FIG. 97

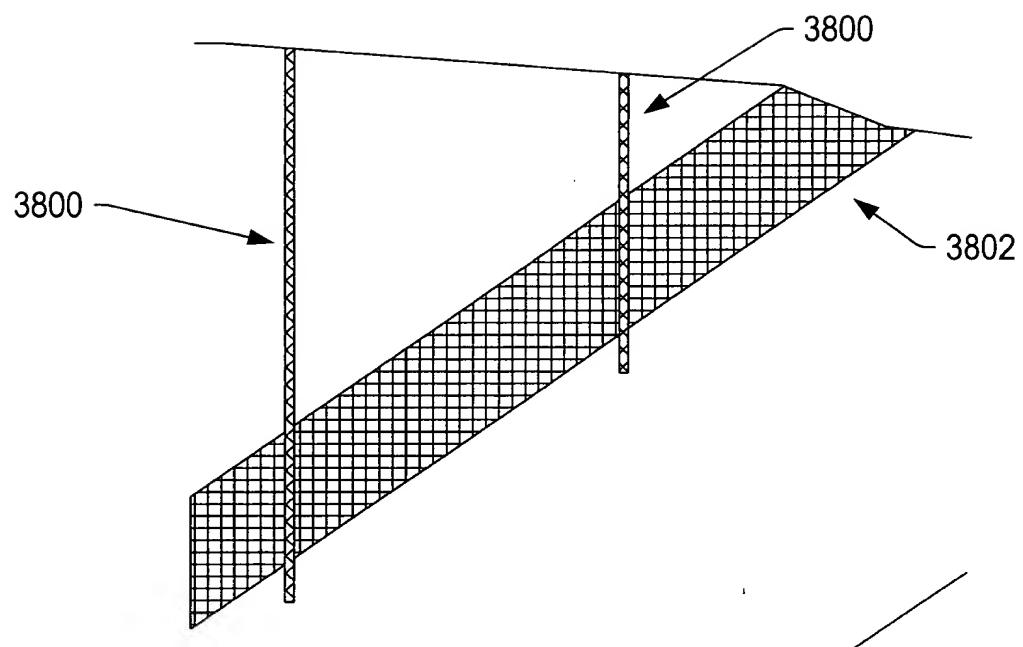


FIG. 98

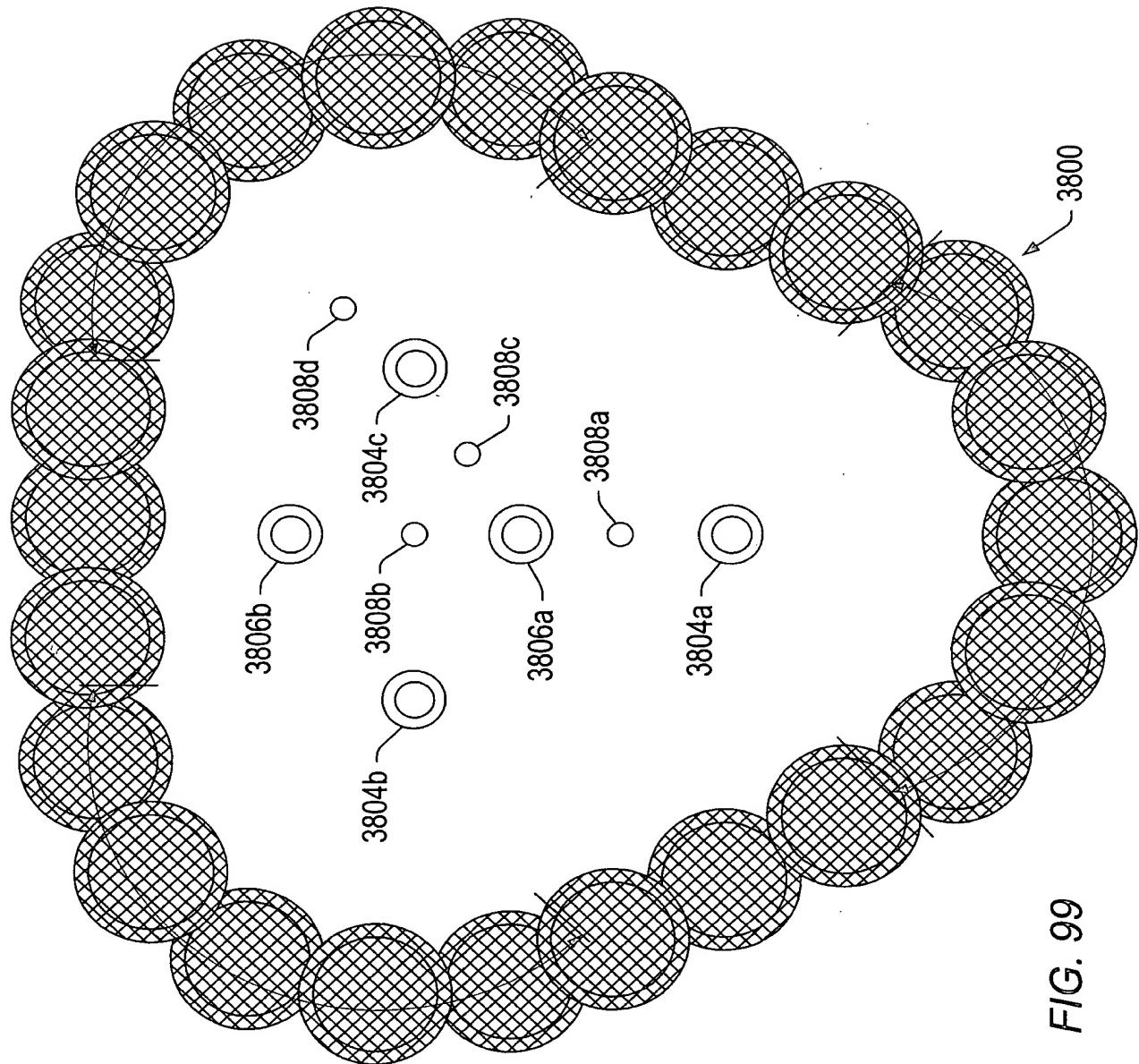


FIG. 99

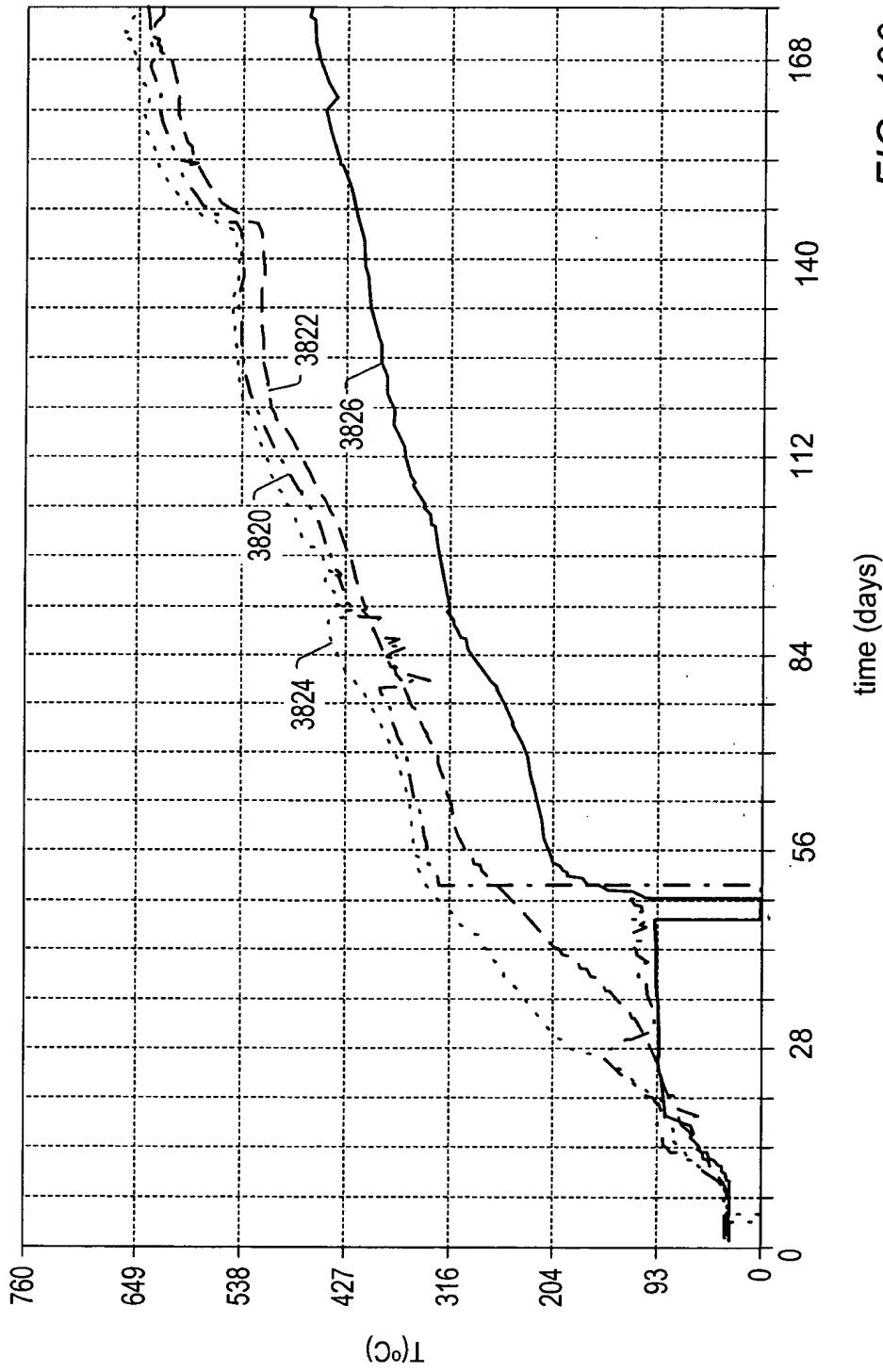
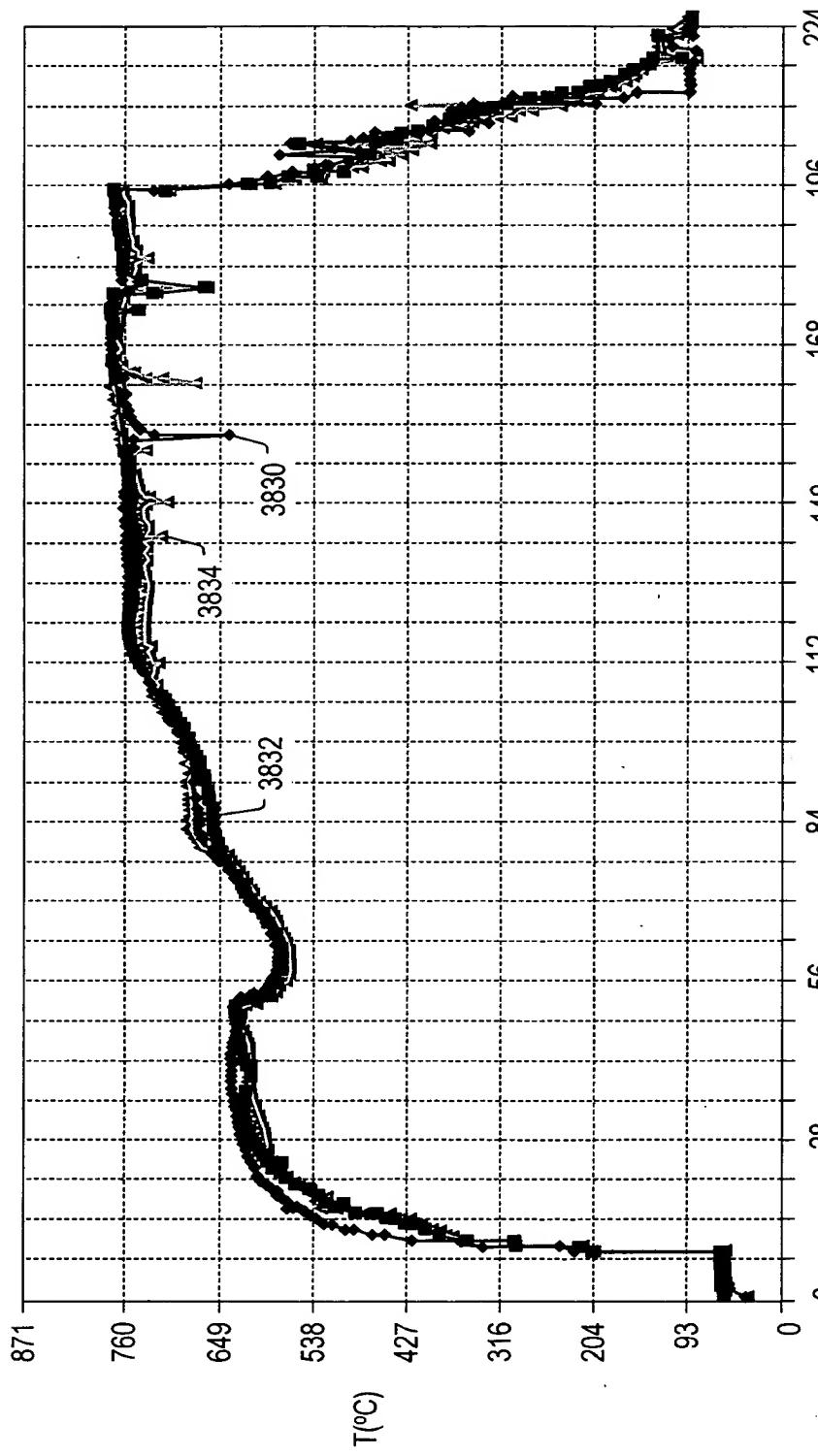


FIG. 100



time (days)

FIG. 101

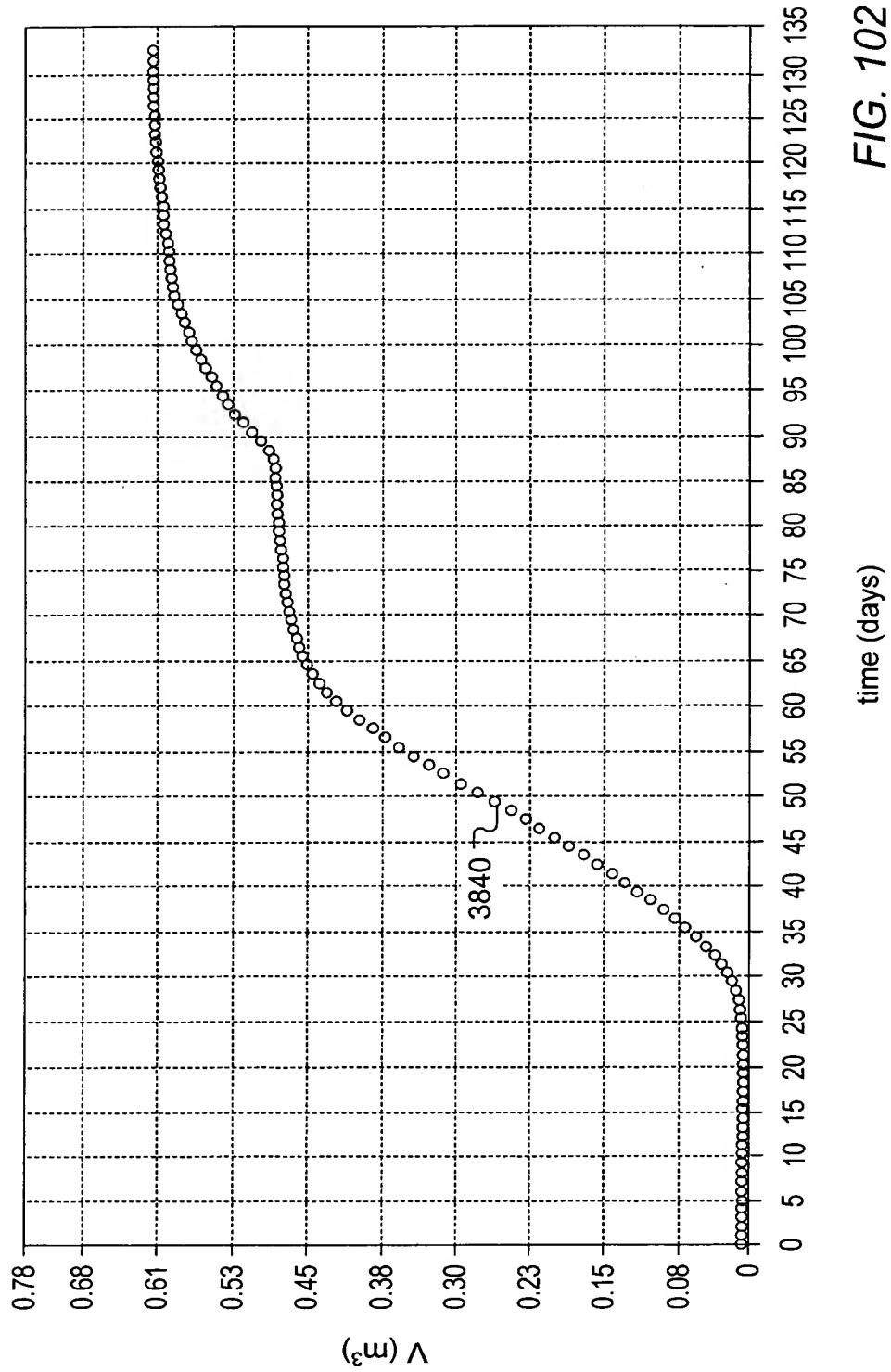


FIG. 102
time (days)

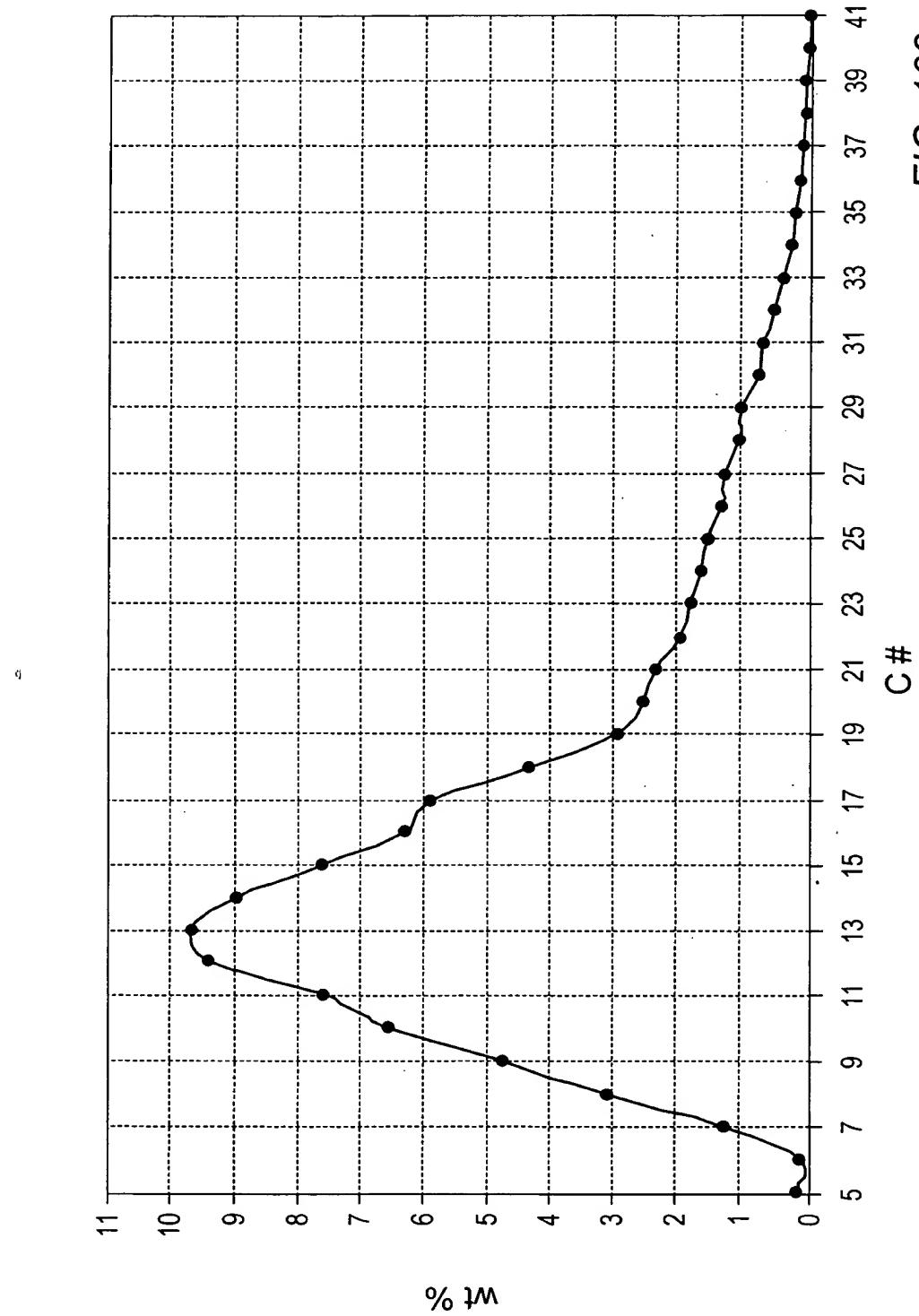


FIG. 103

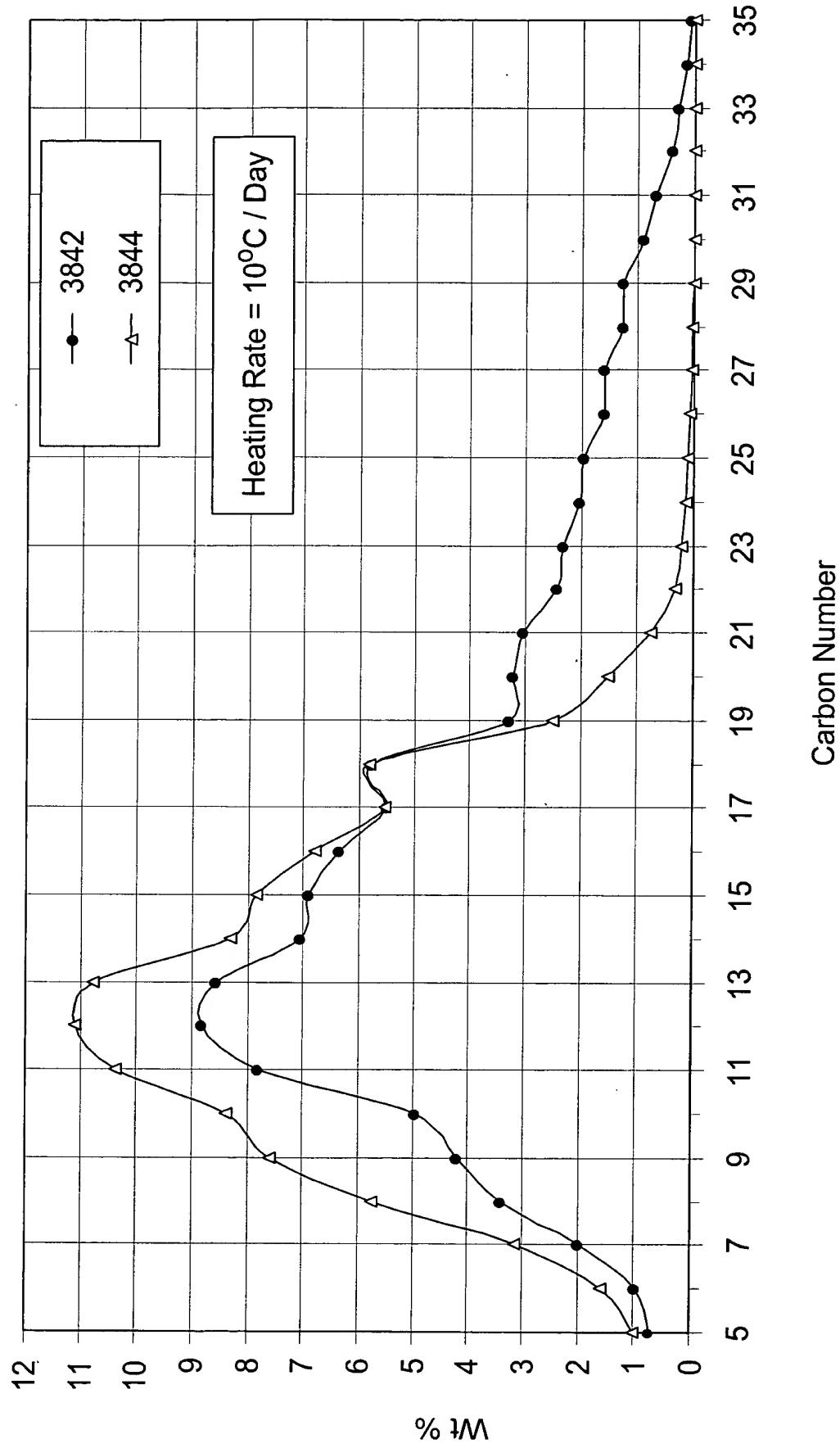


FIG. 104

Carbon Number

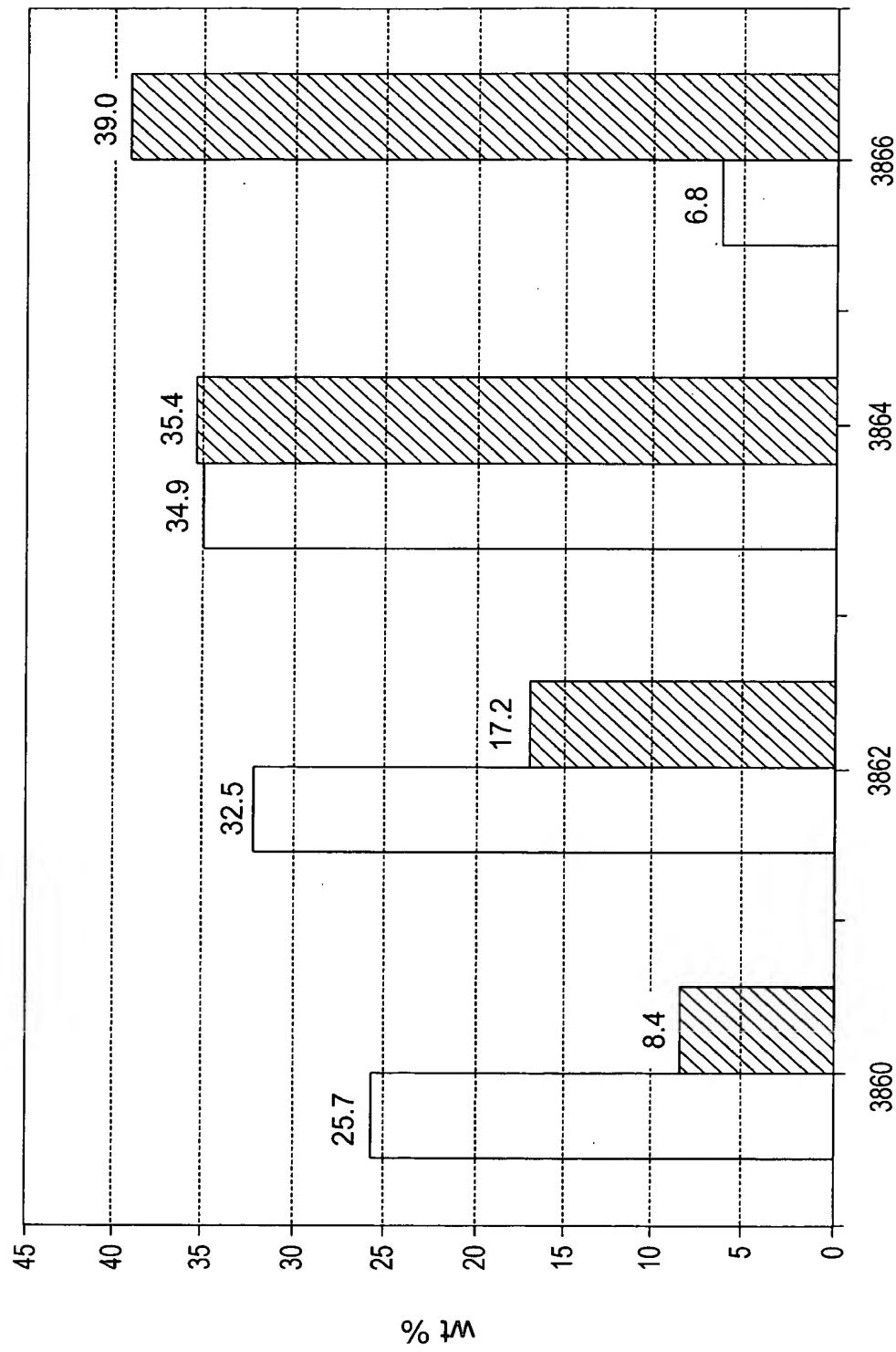


FIG. 105

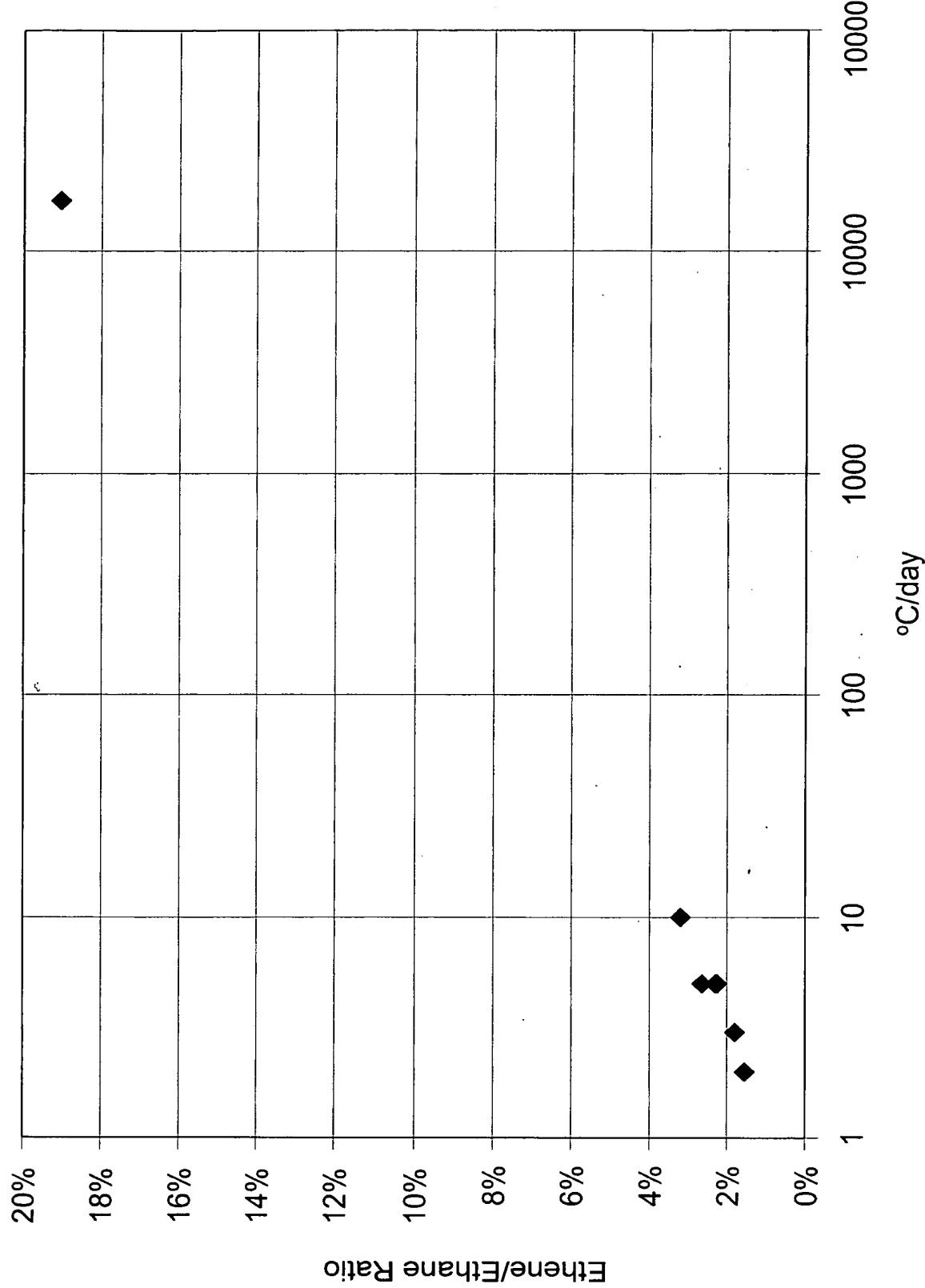


FIG. 106

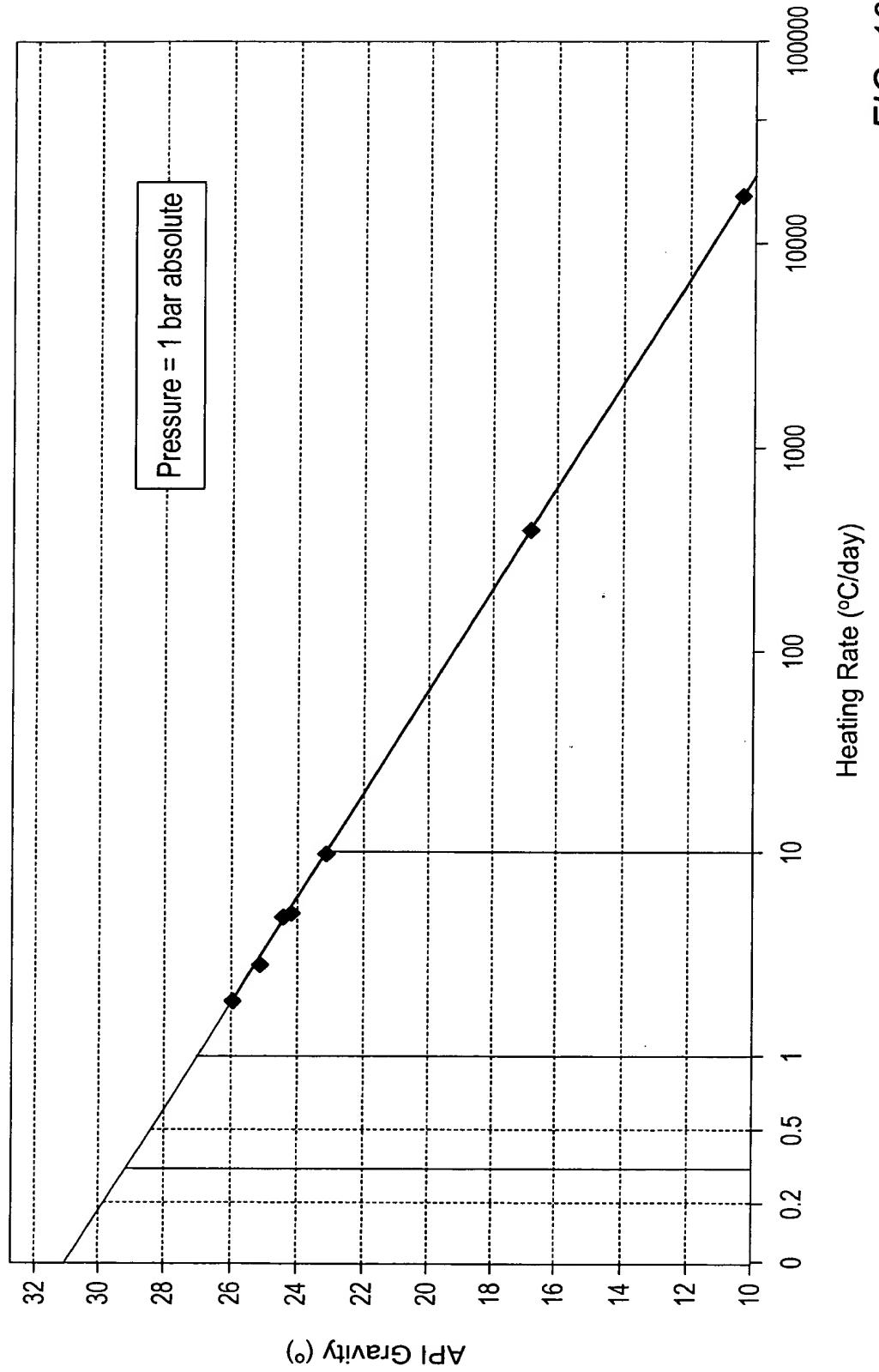


FIG. 107

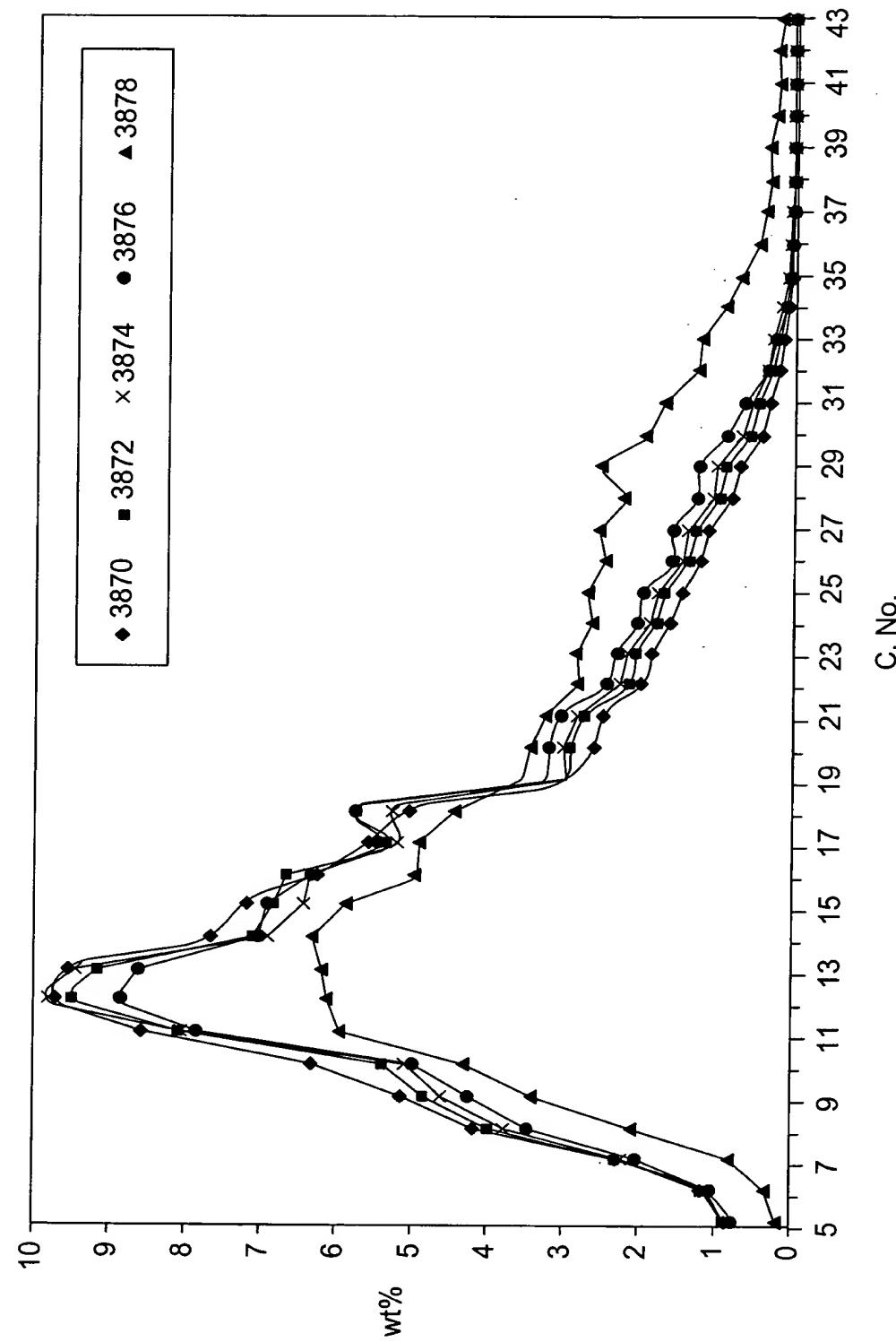


FIG. 108

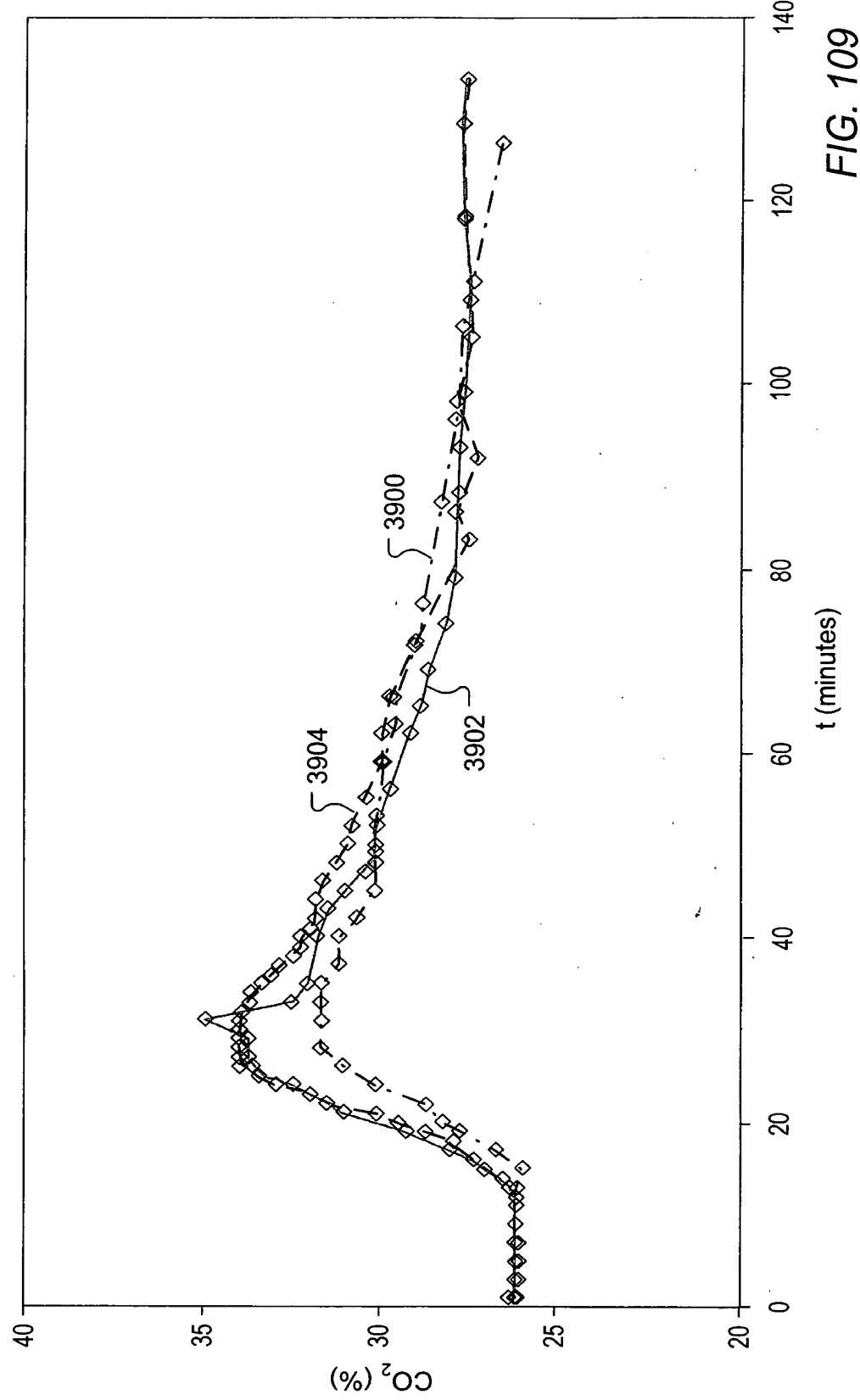


FIG. 109

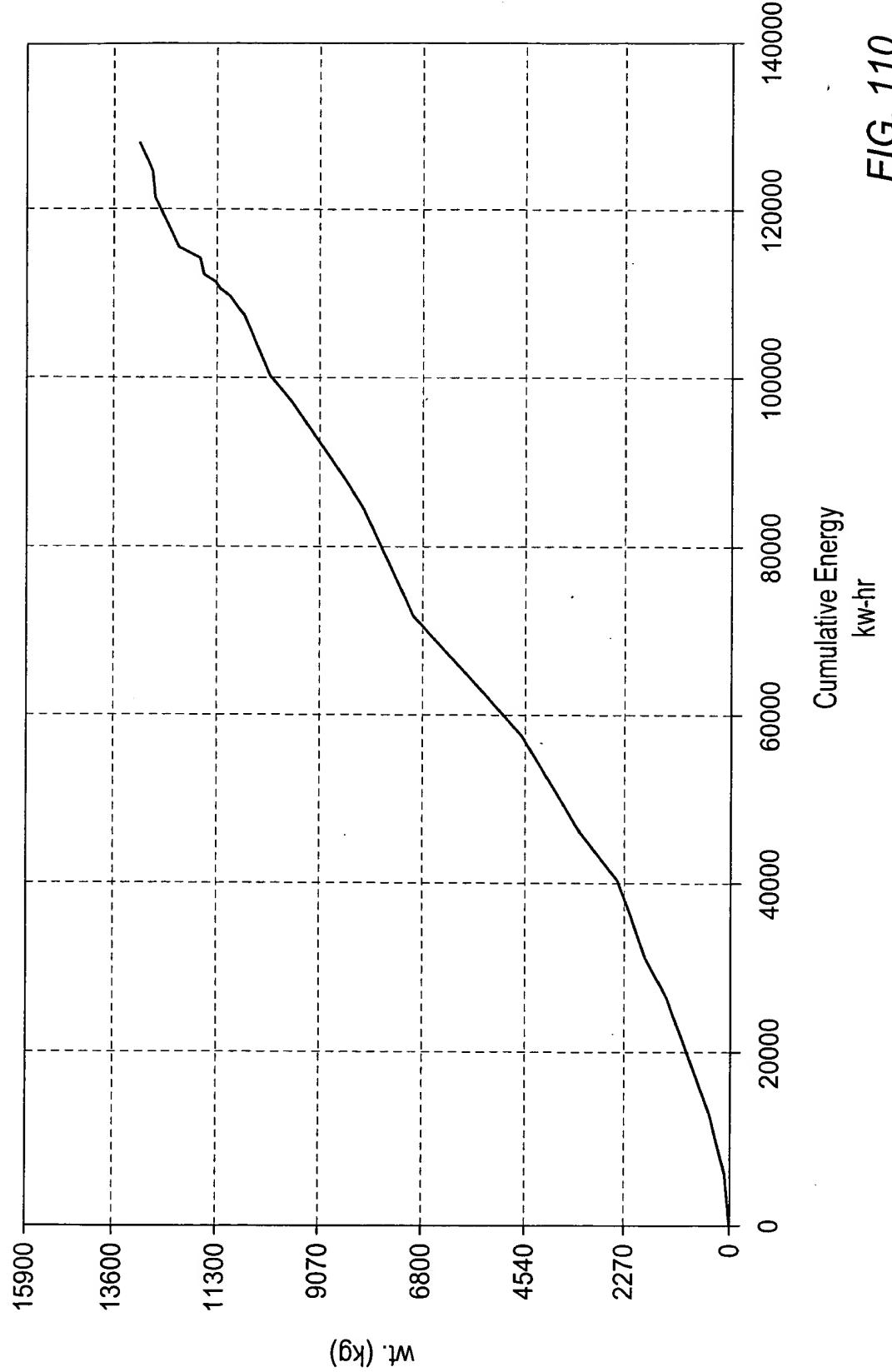


FIG. 110

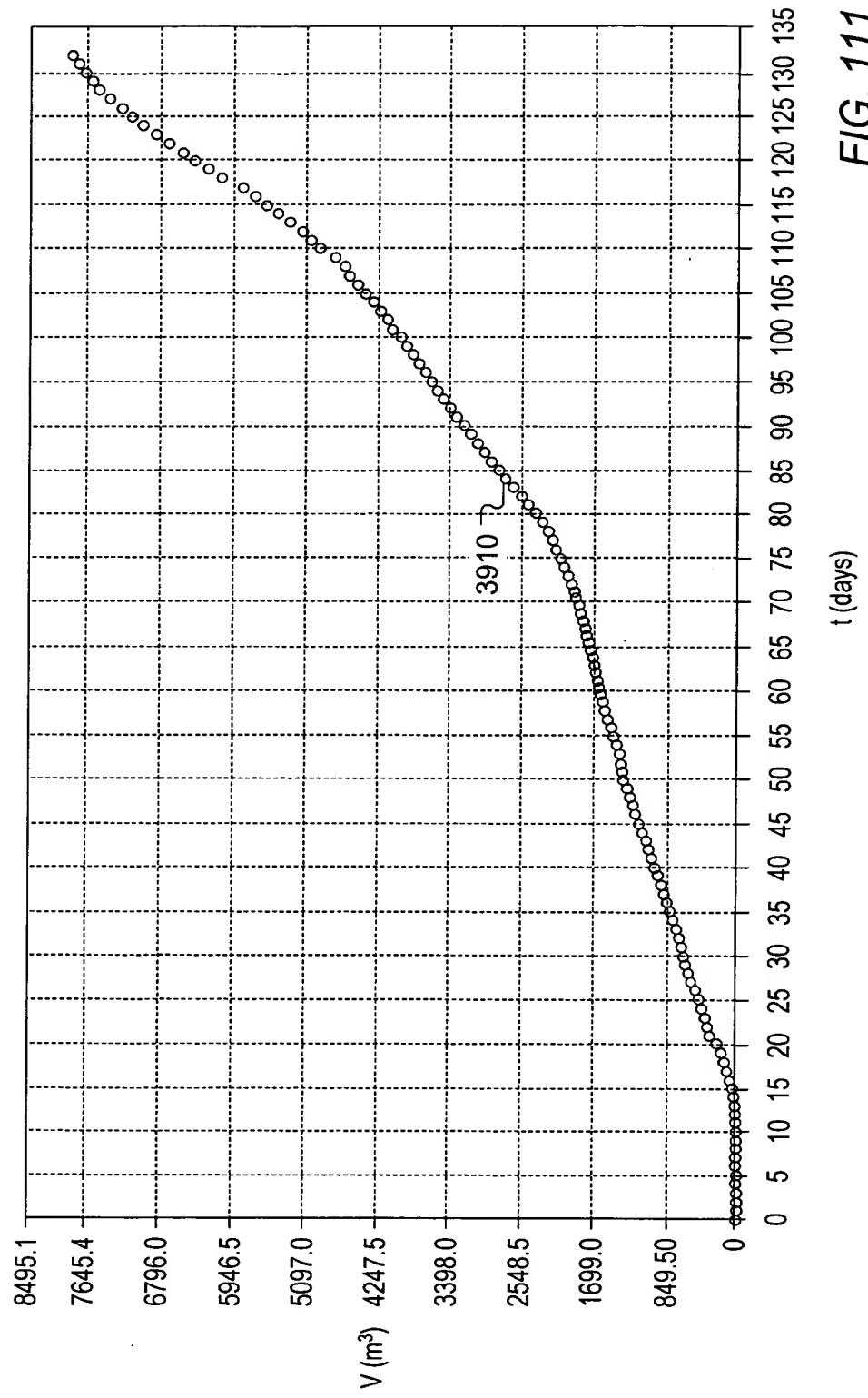


FIG. 111
t (days)

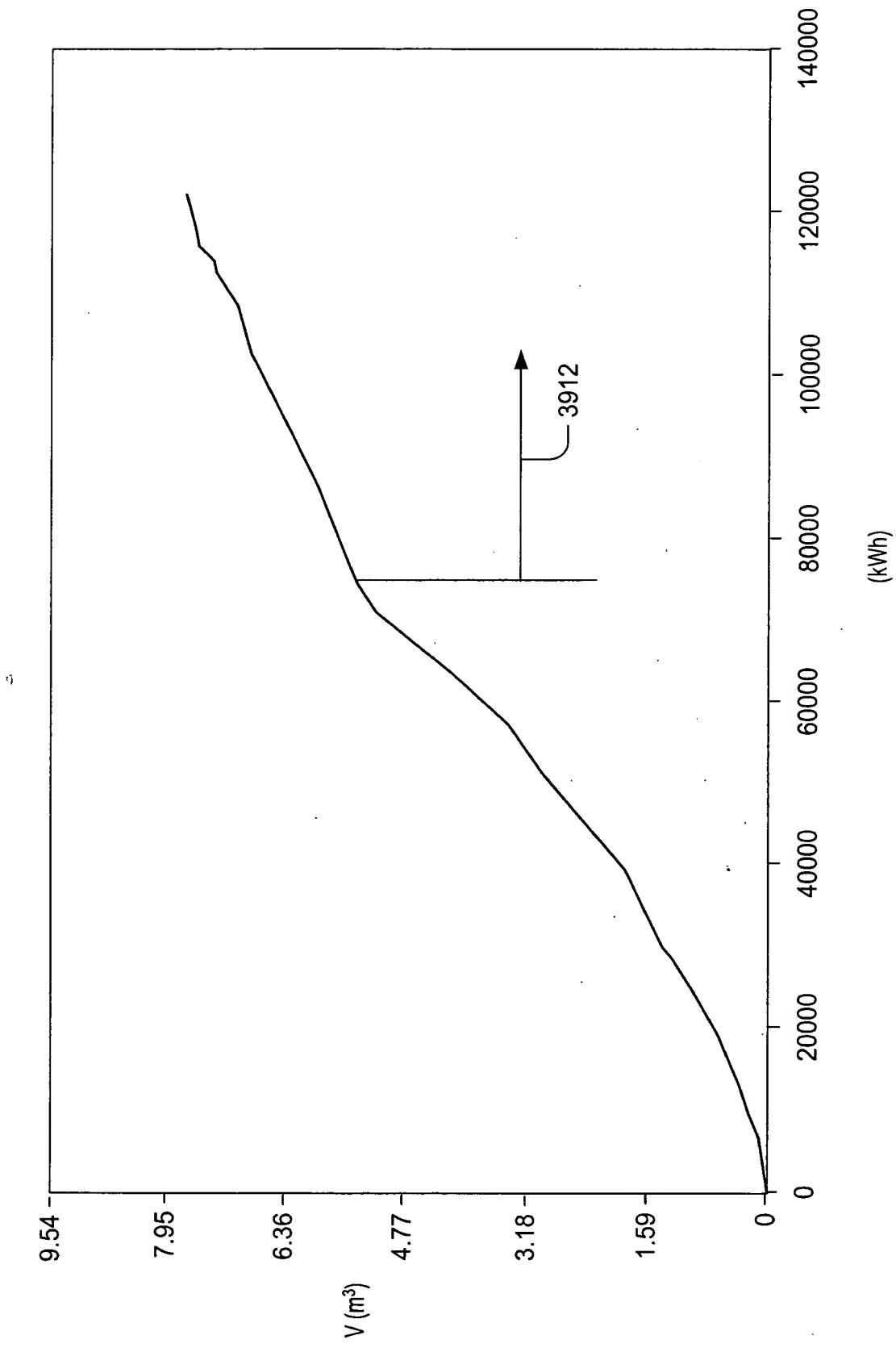


FIG. 112

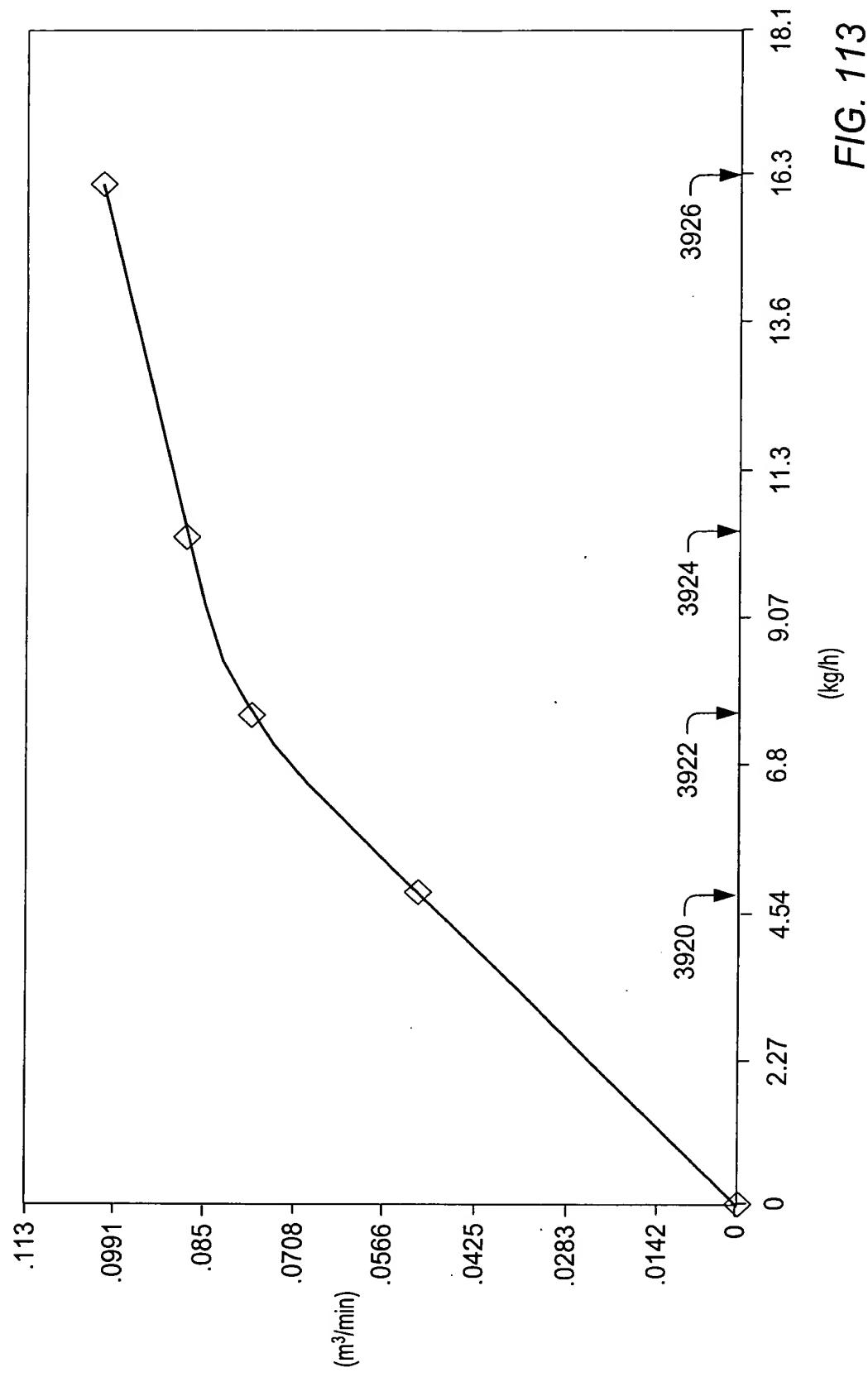
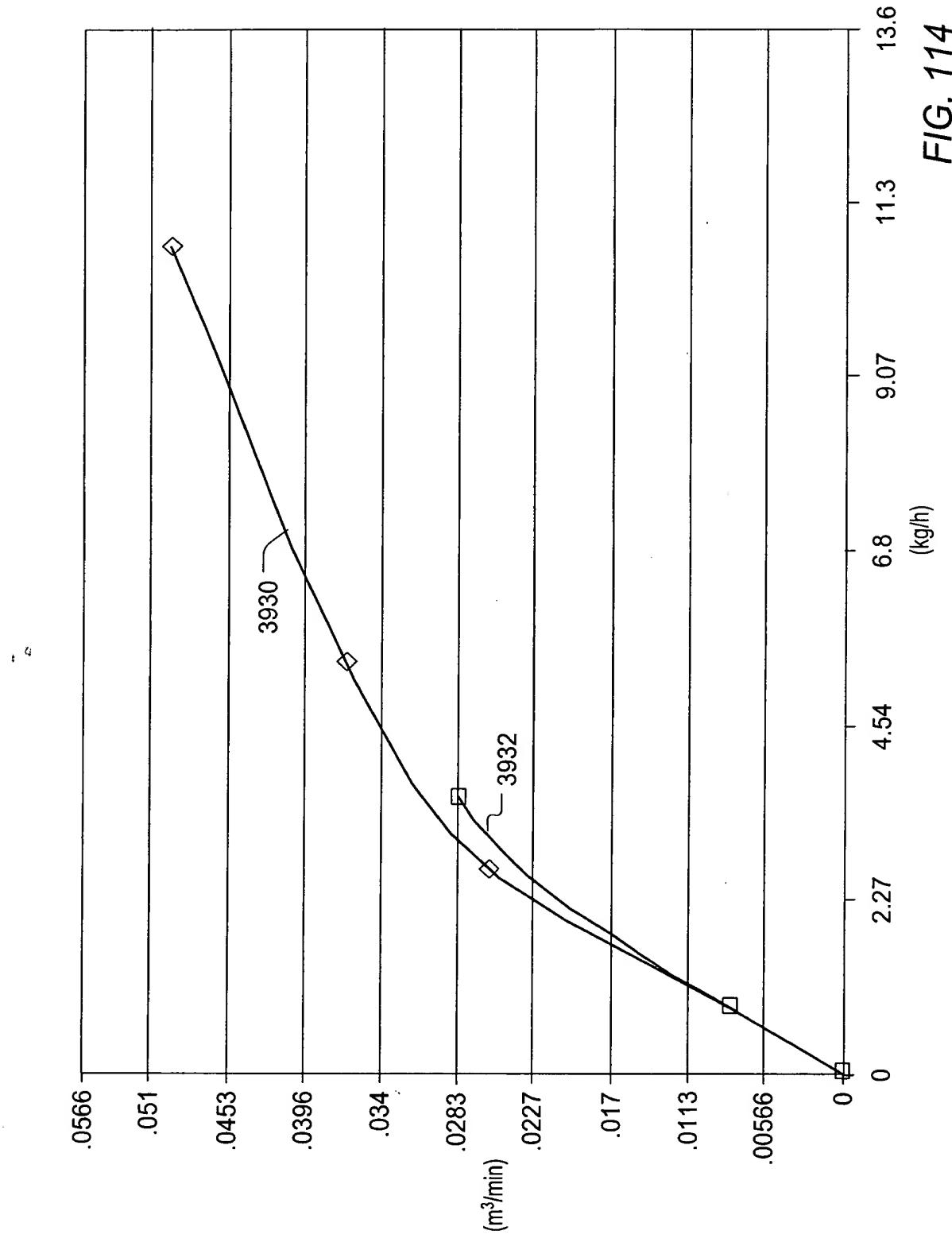


FIG. 113



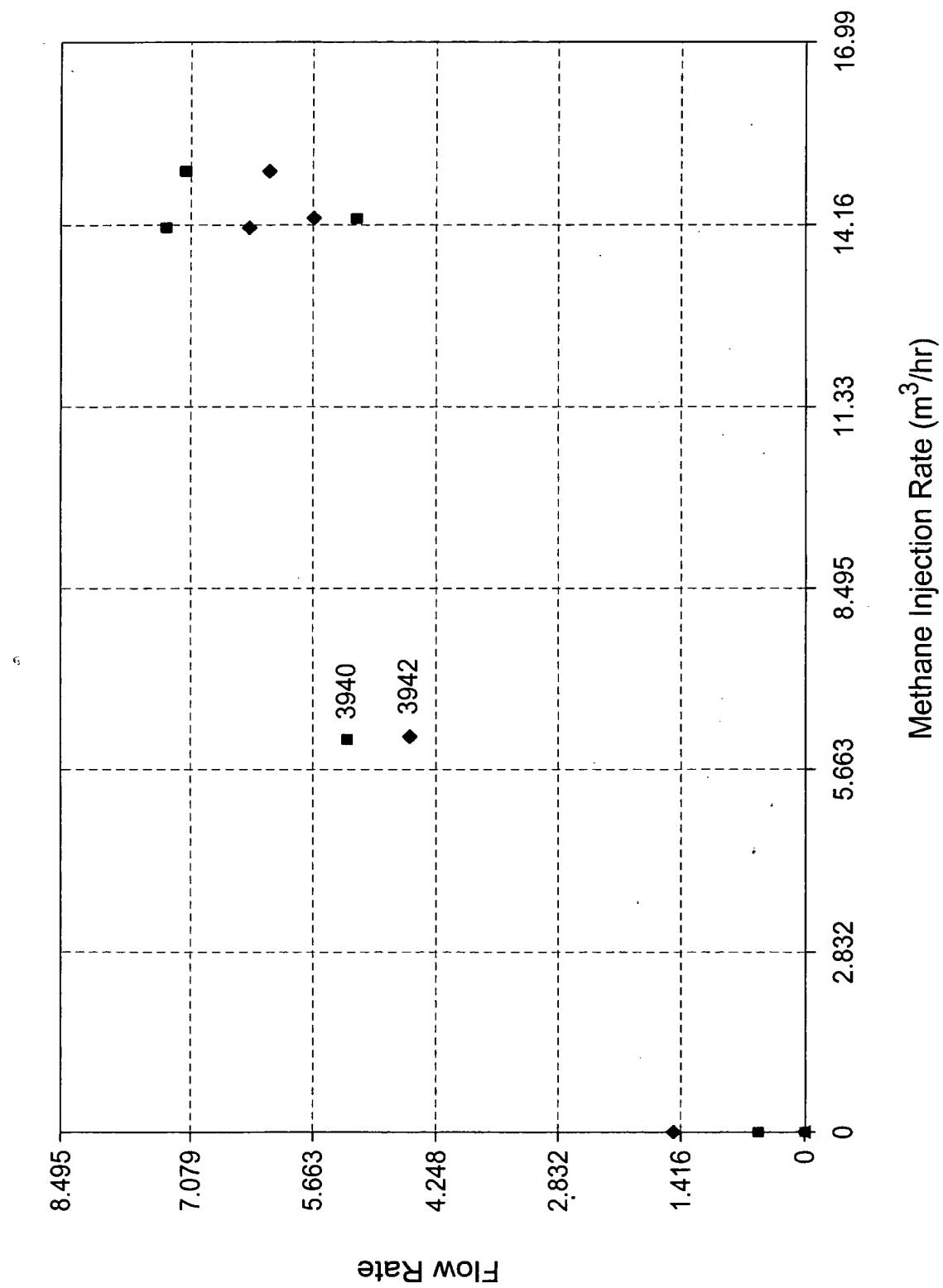
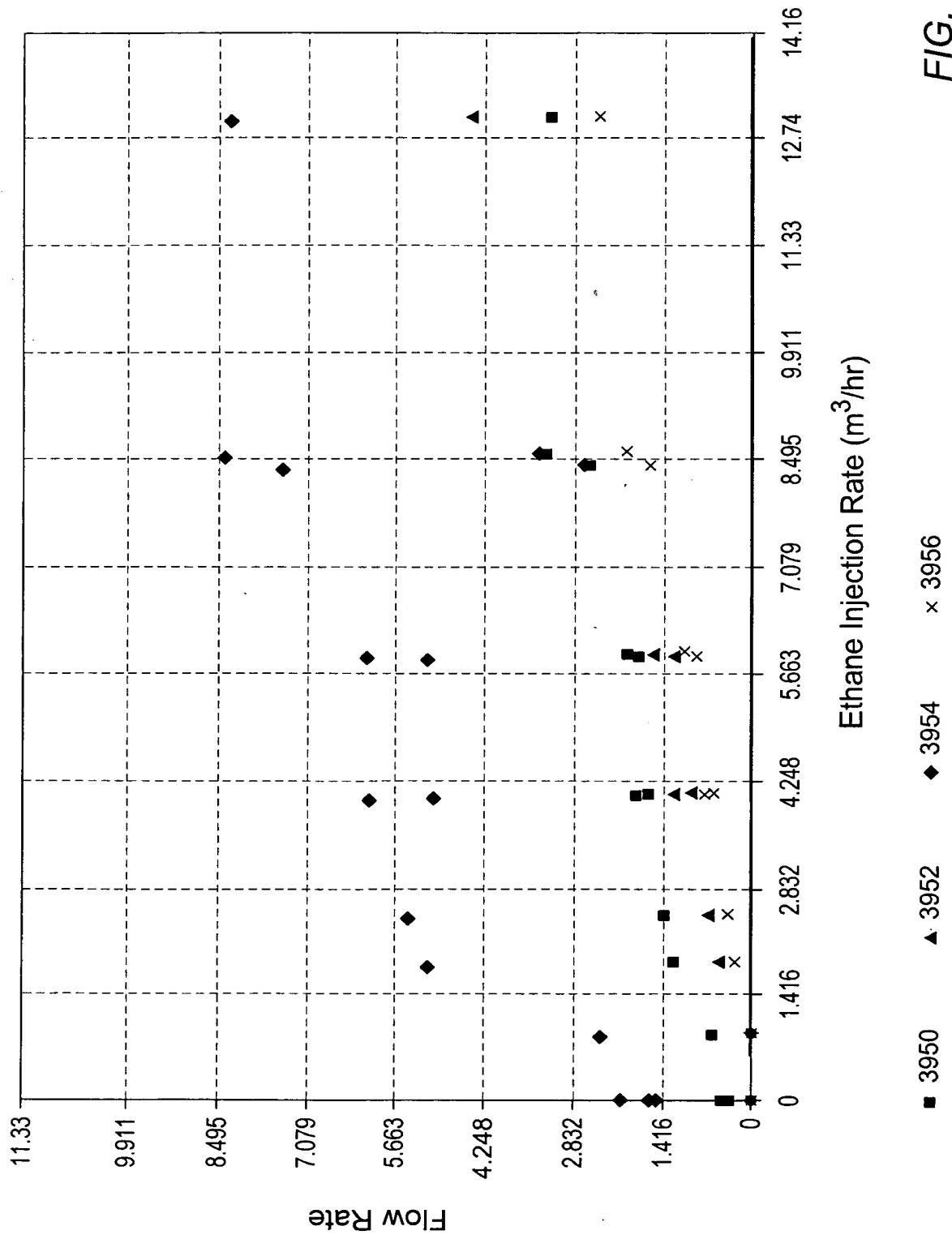


FIG. 115



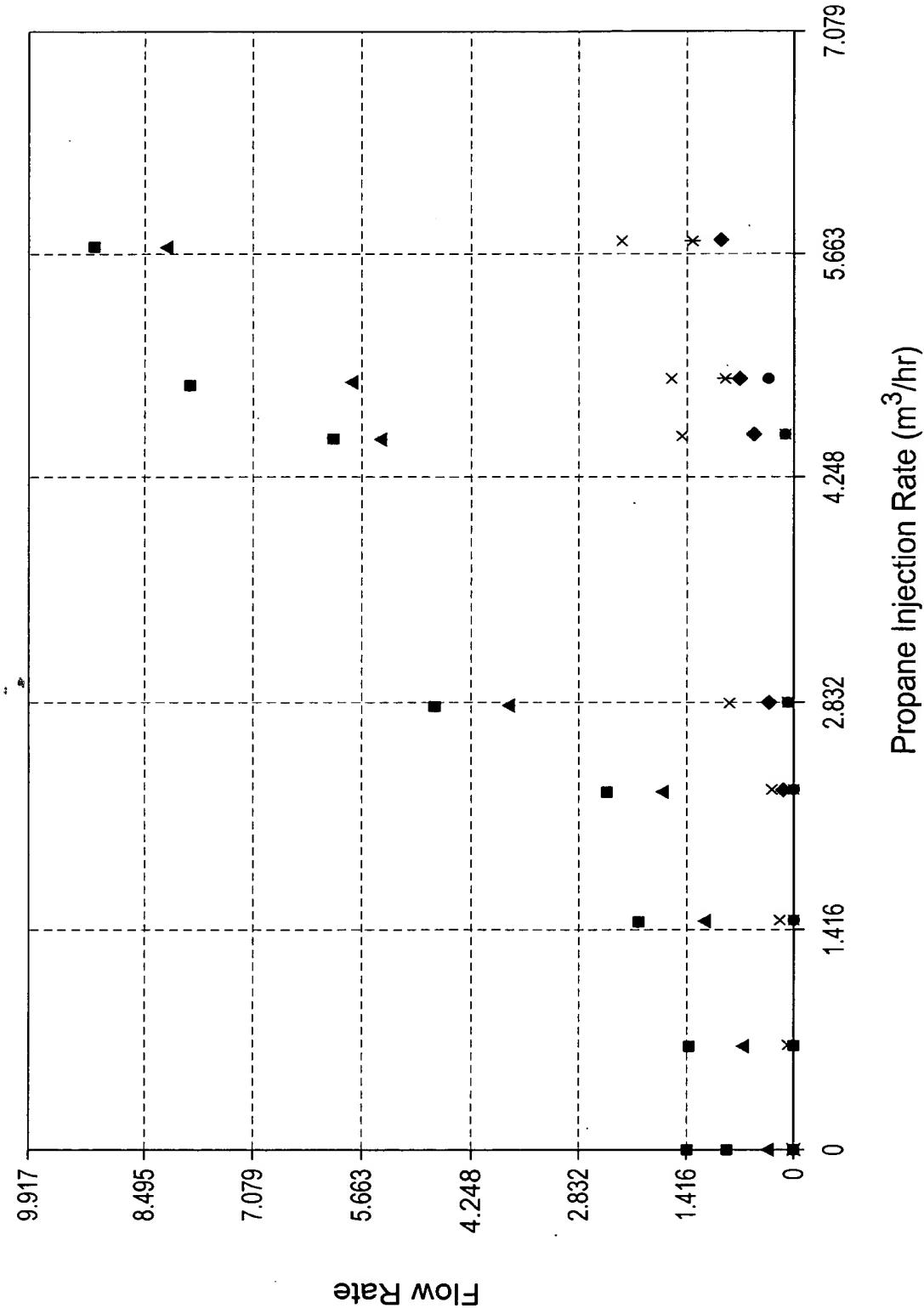
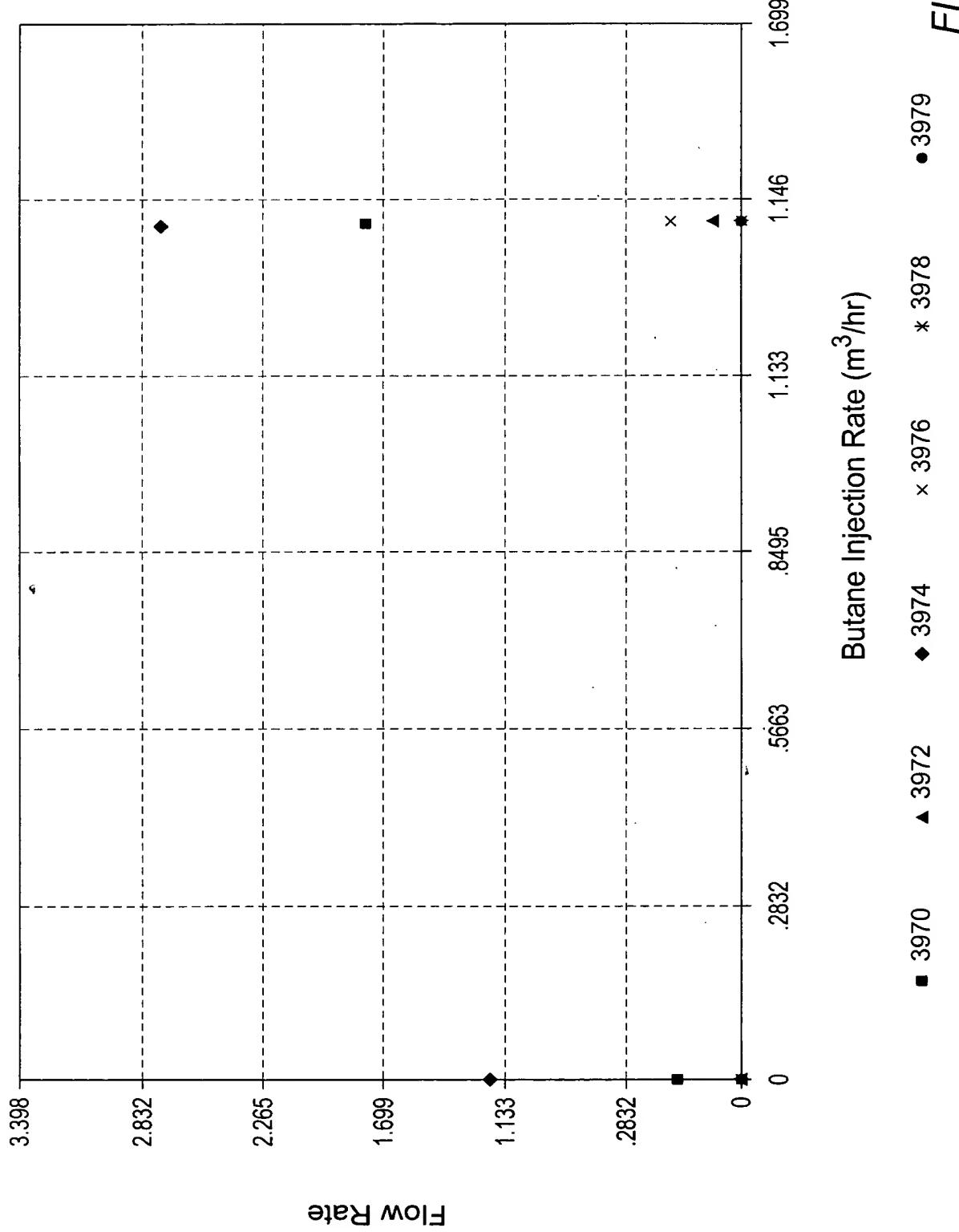


FIG. 117



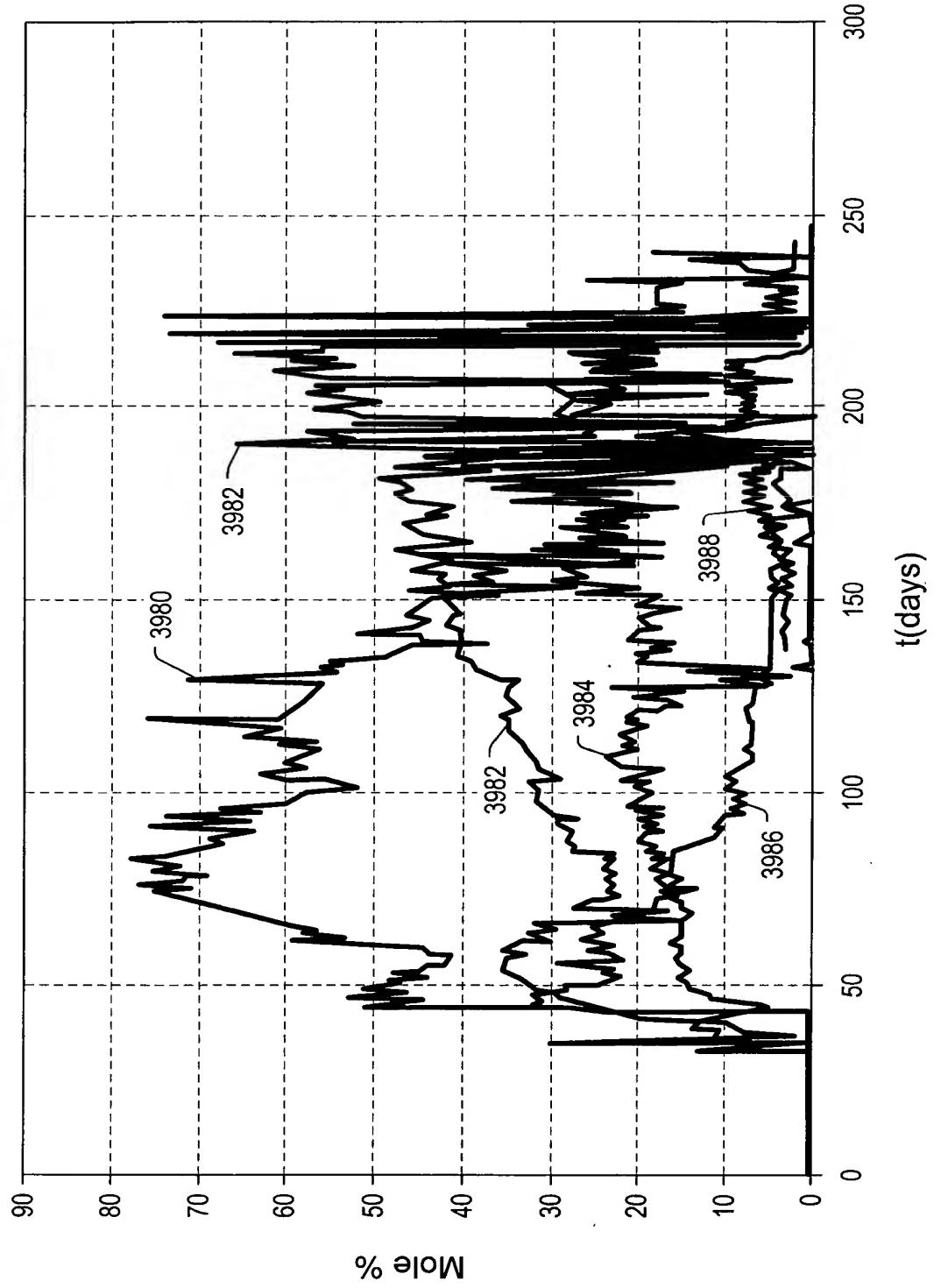


FIG. 119

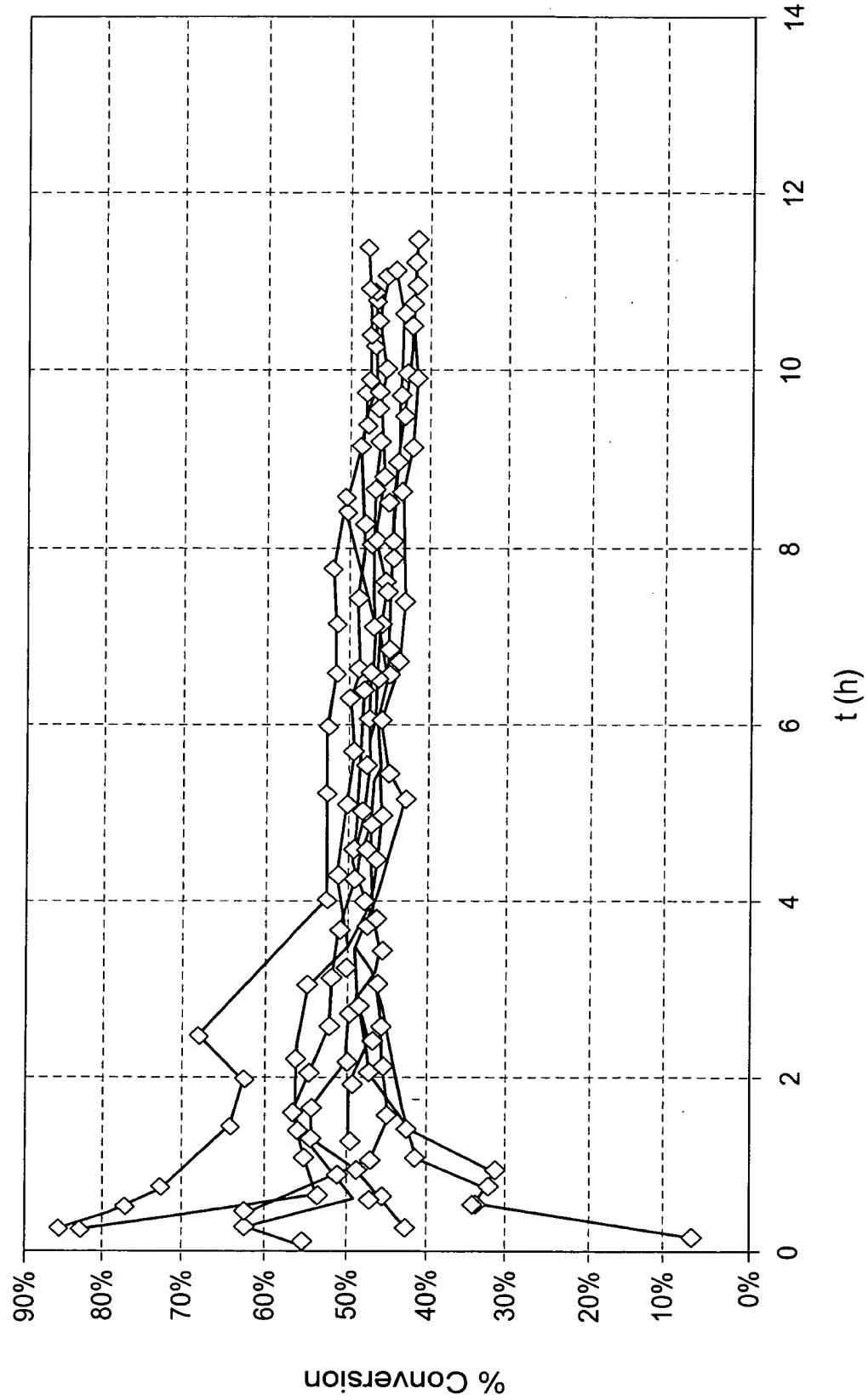


FIG. 120

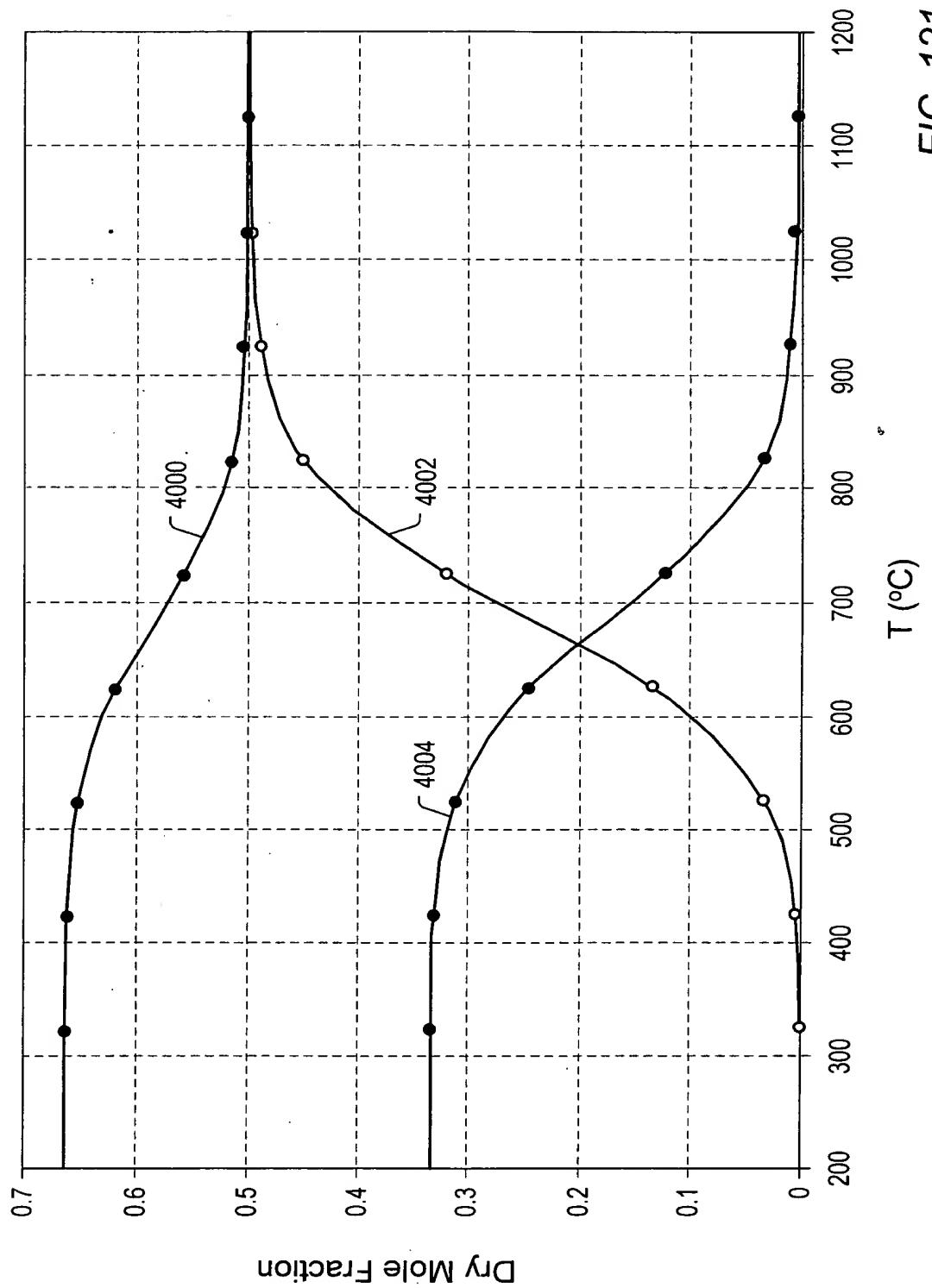


FIG. 121

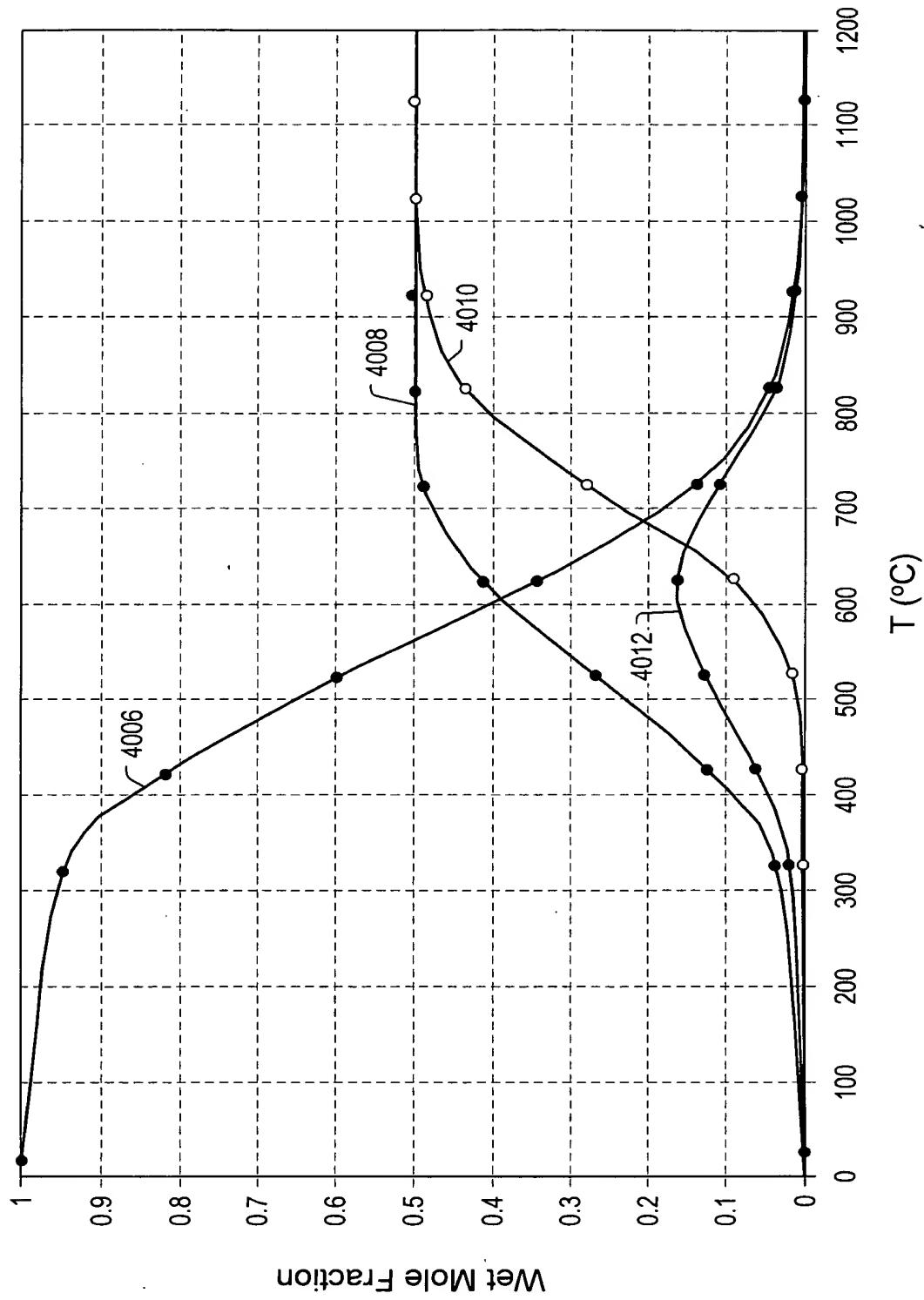
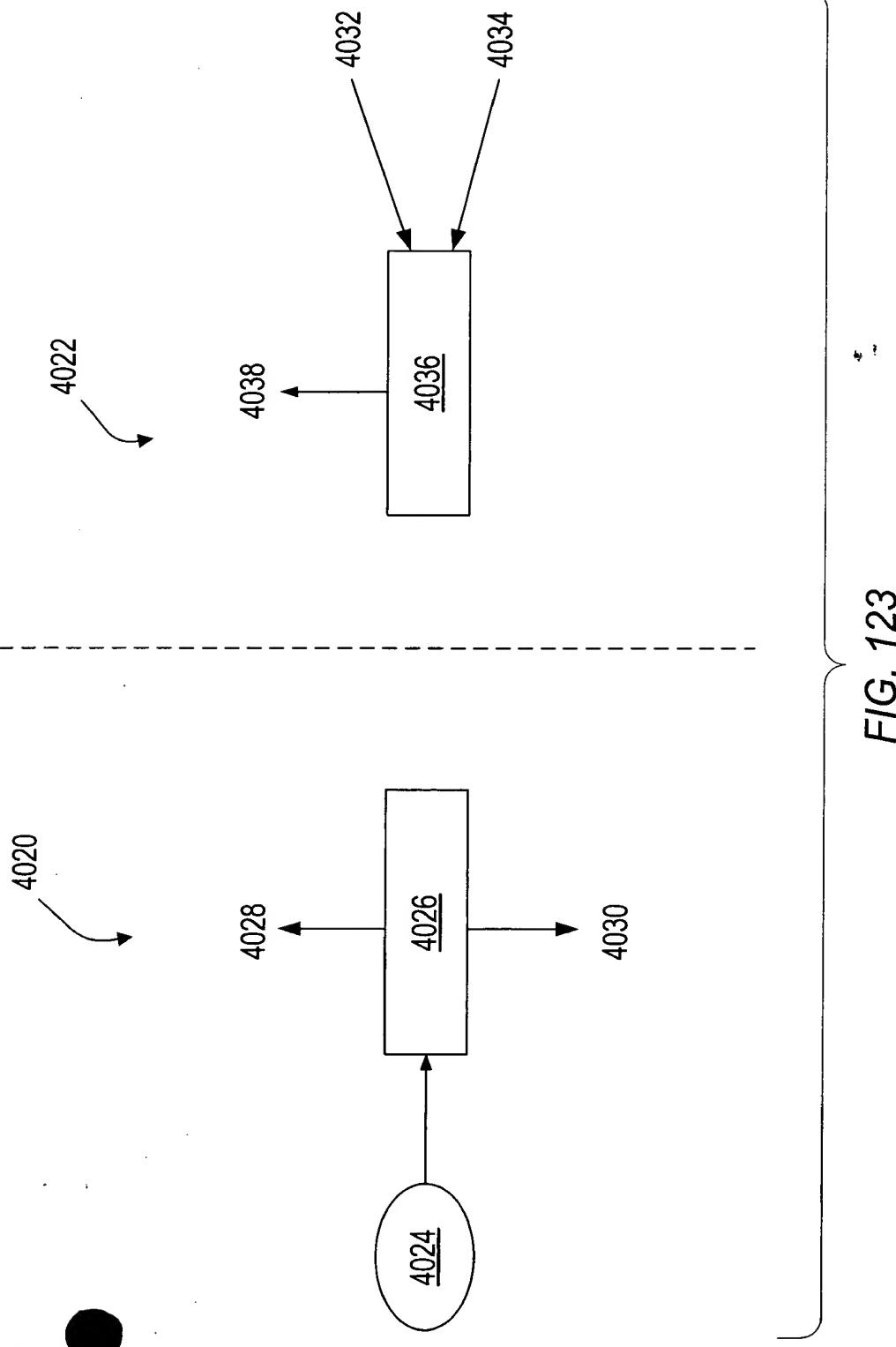


FIG. 122



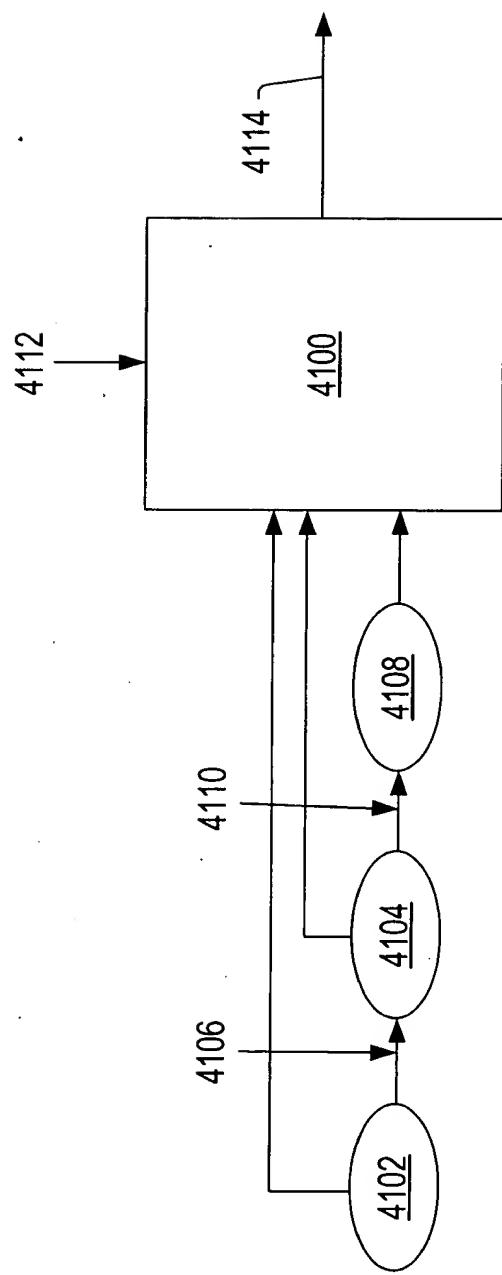


FIG. 124

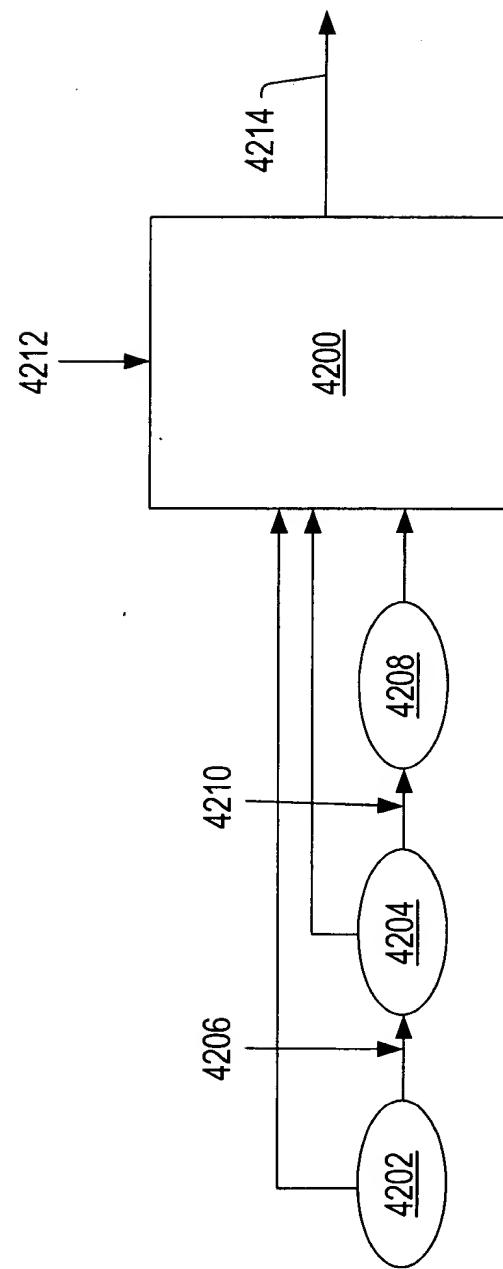


FIG. 125

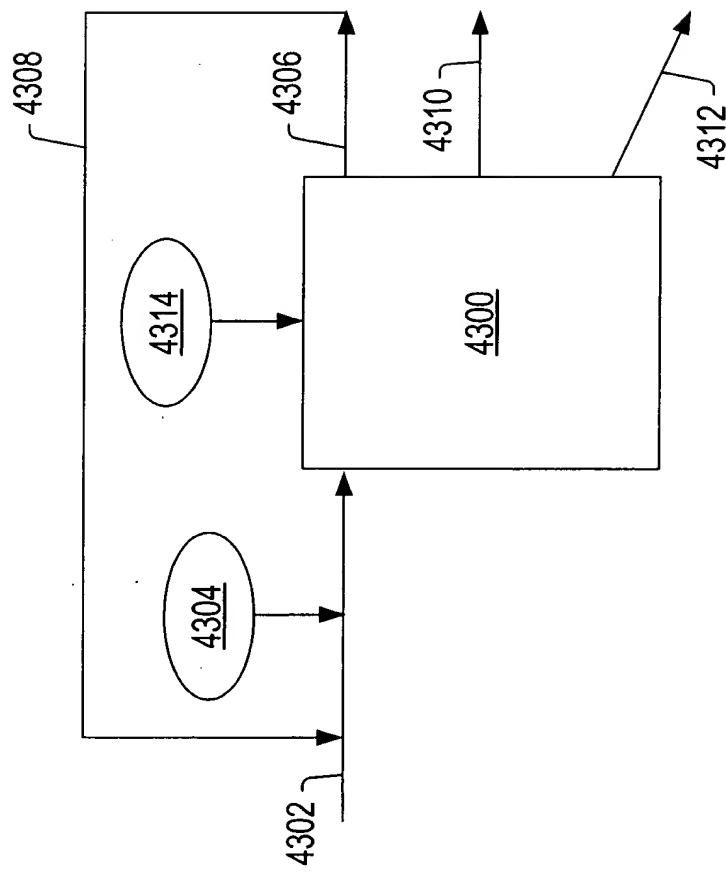


FIG. 126

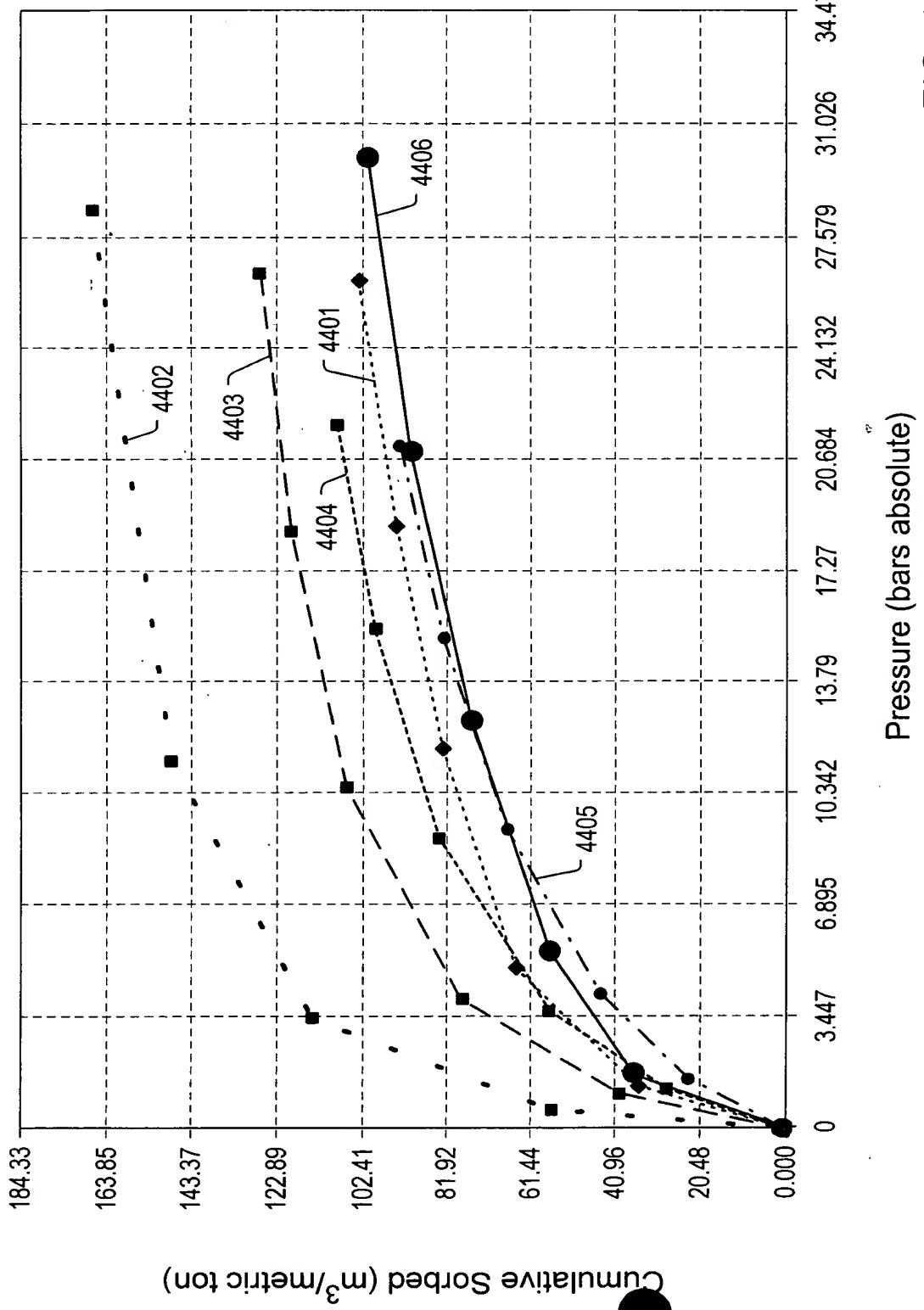


FIG. 127

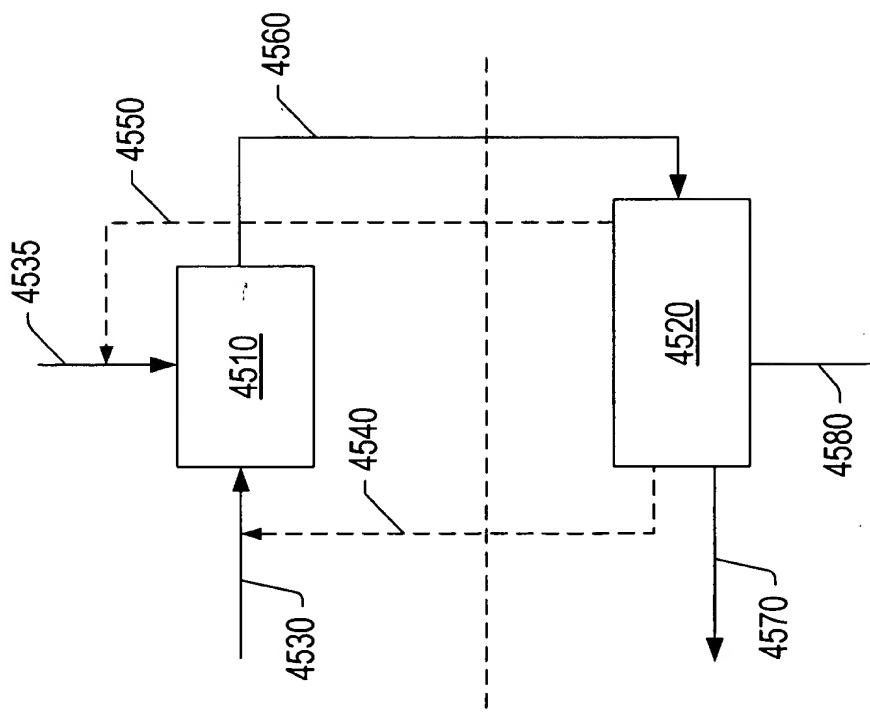


FIG. 128

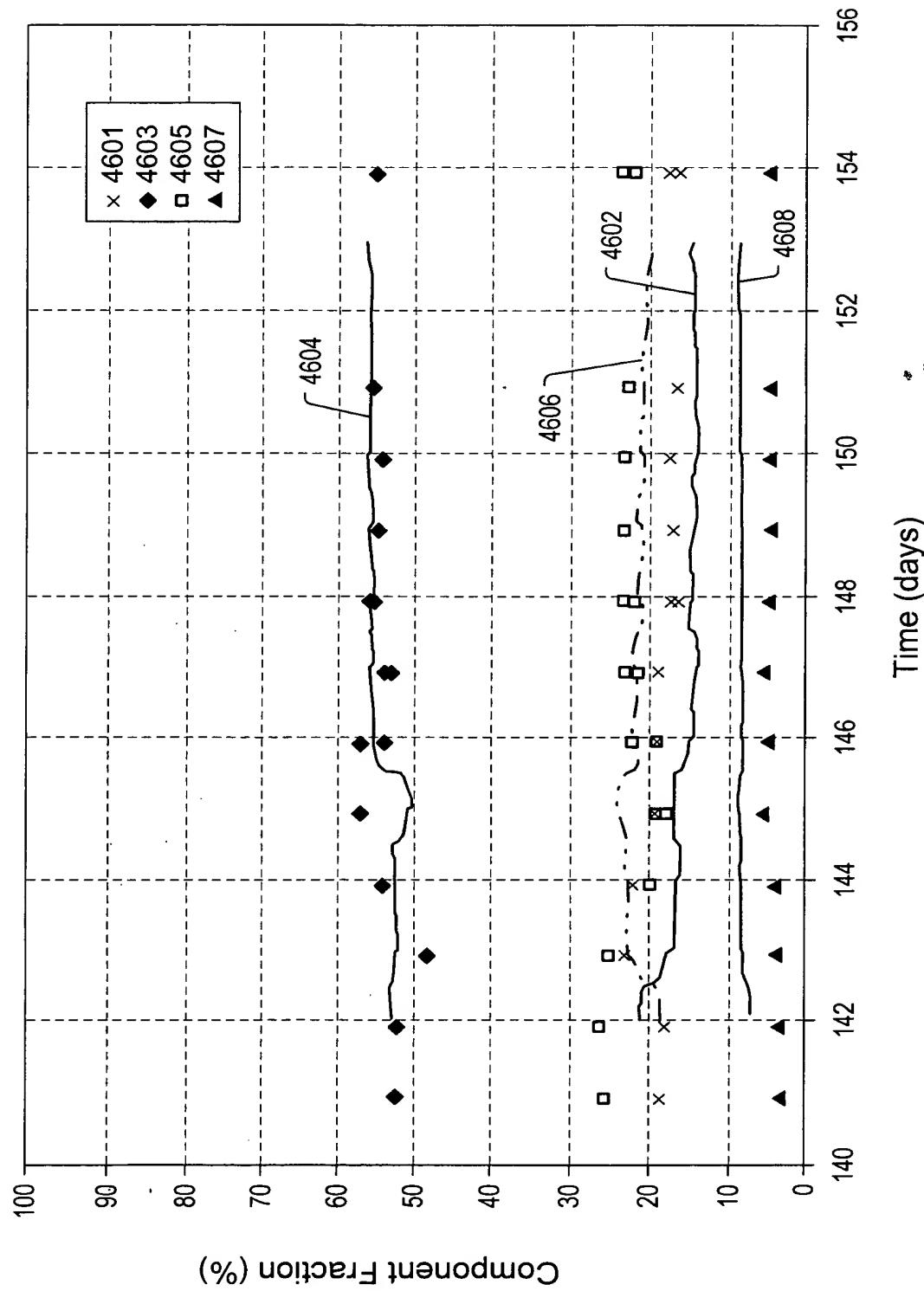


FIG. 129

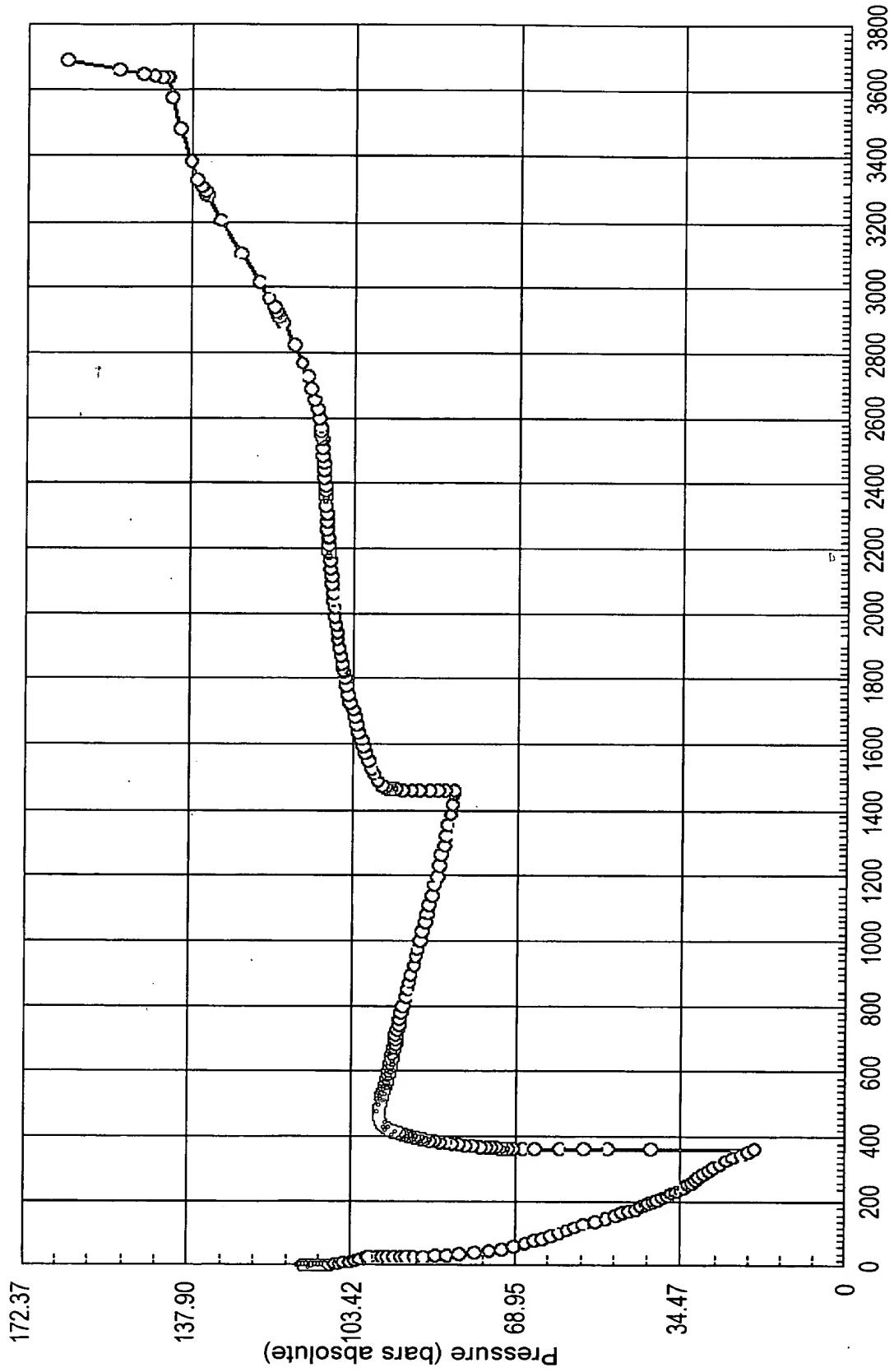


FIG. 130

time (days)

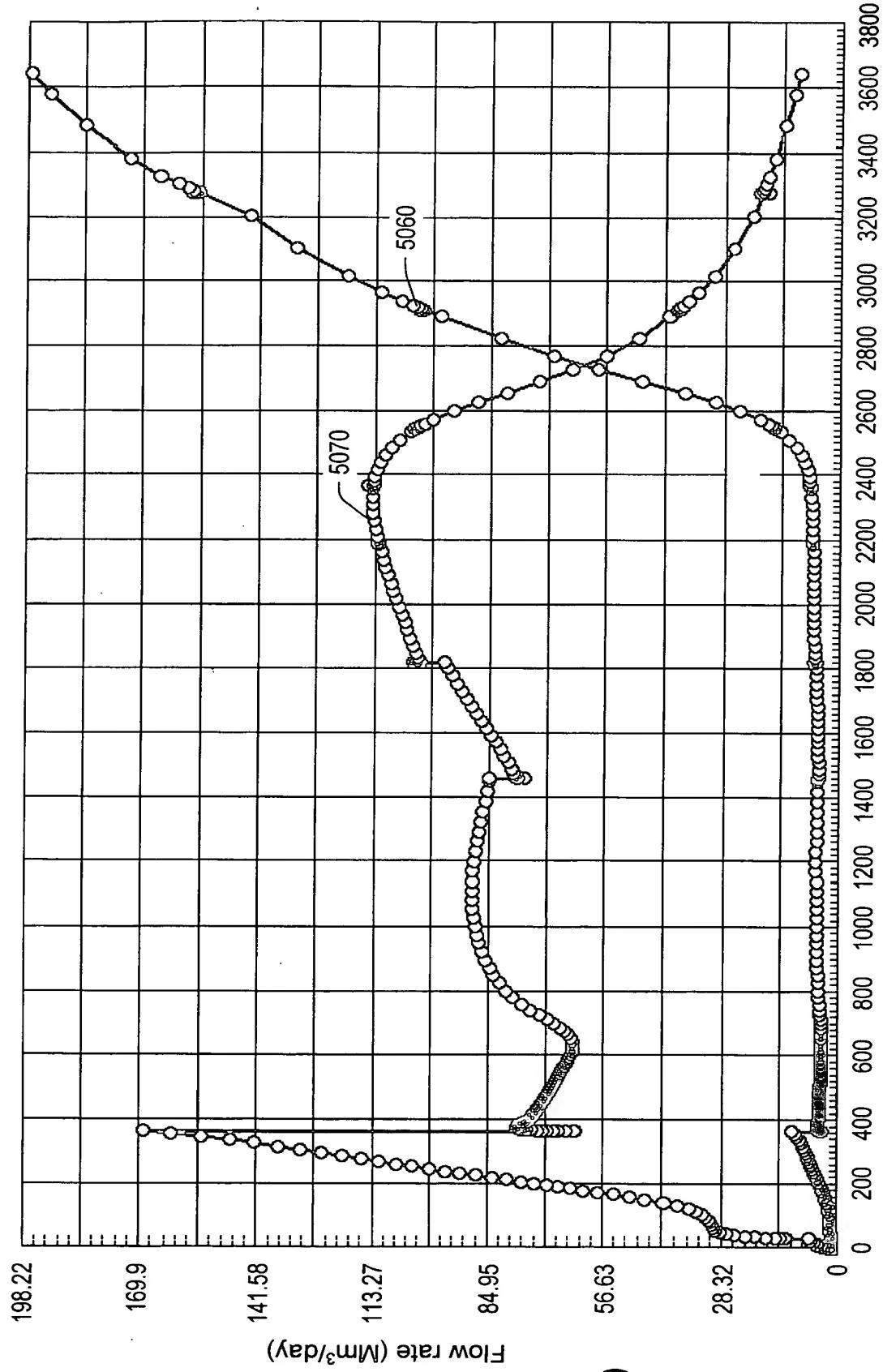


FIG. 131
time (days)

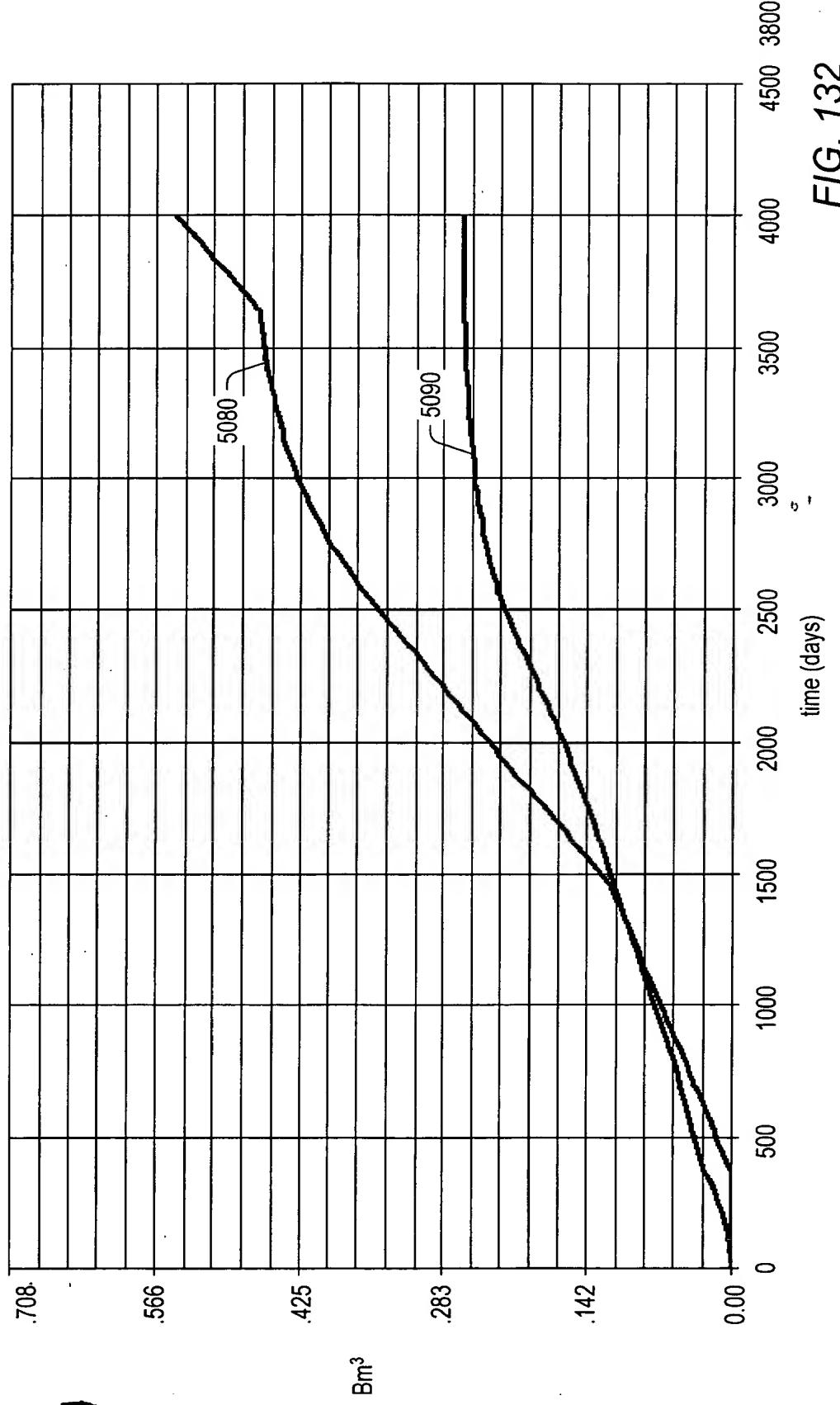


FIG. 132

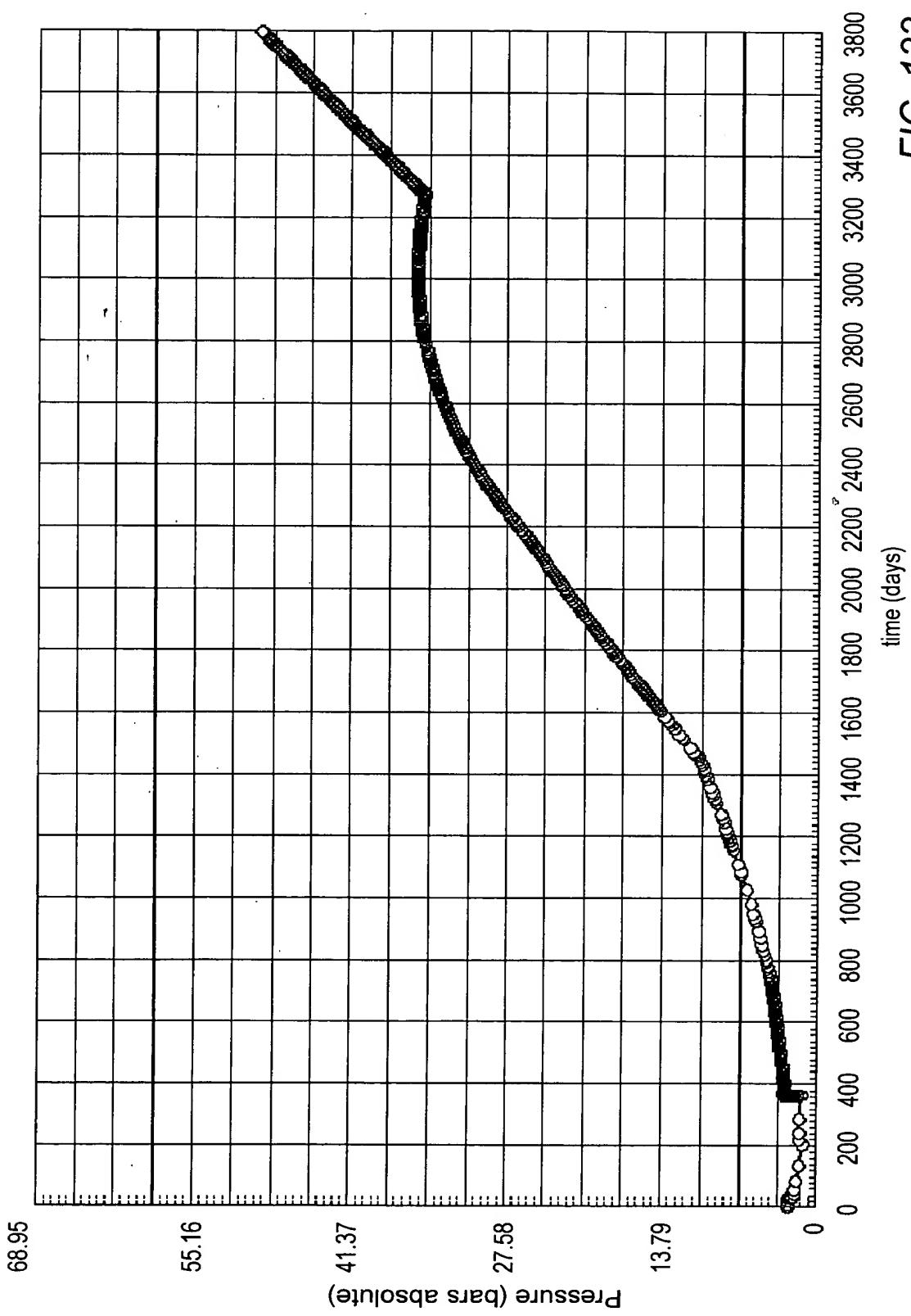


FIG. 133

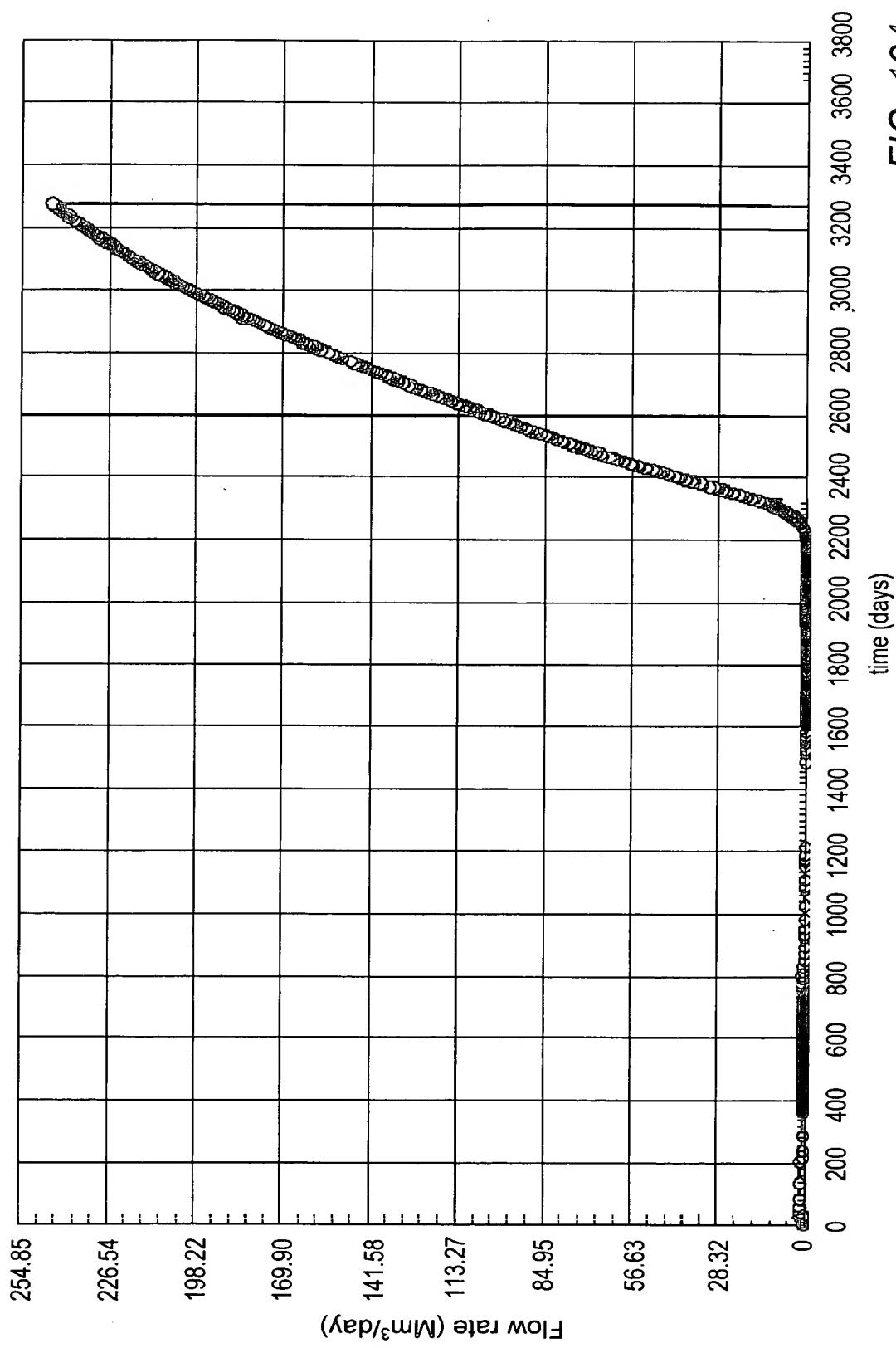


FIG. 134

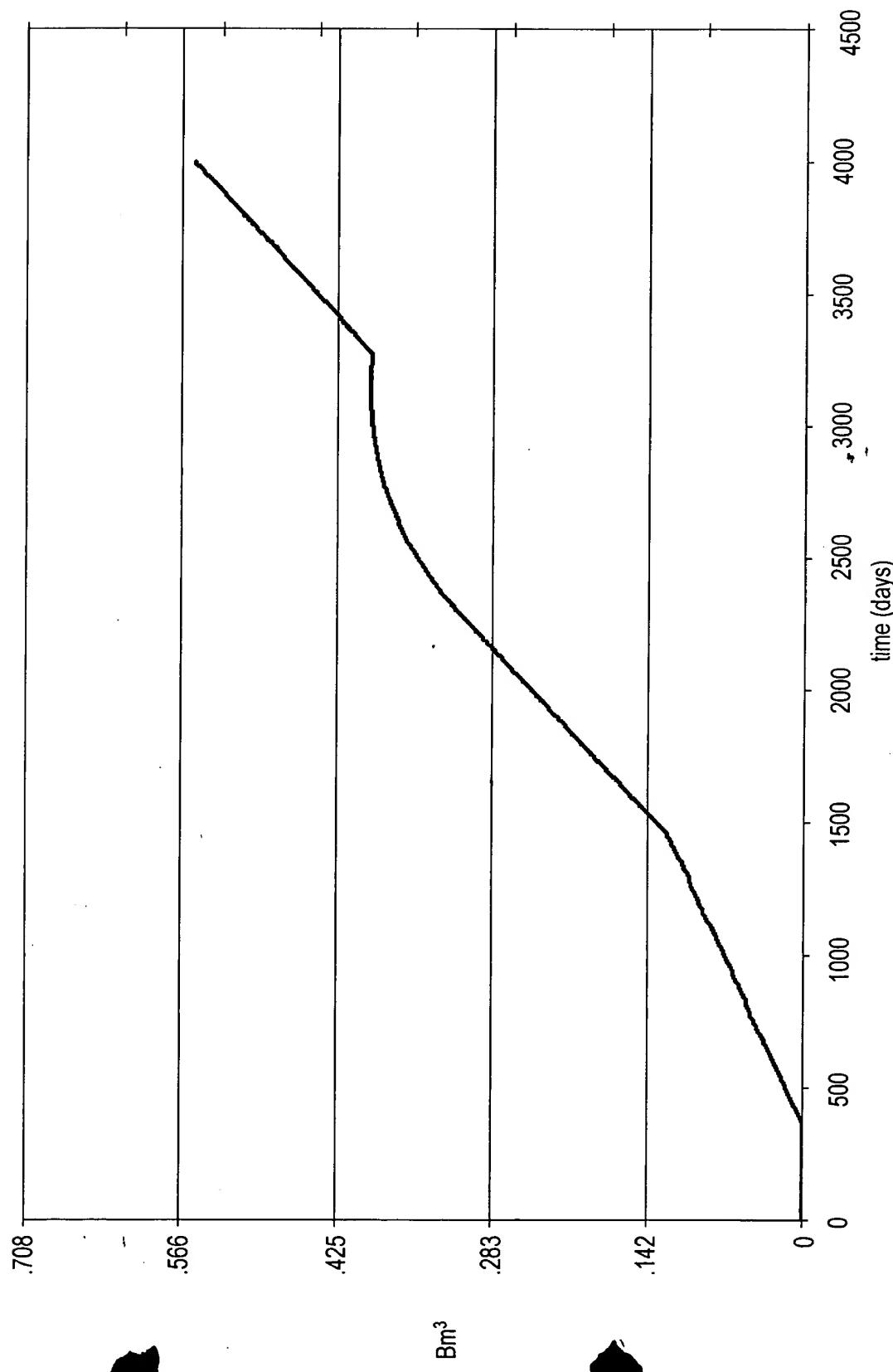


FIG. 135